

030 20371



Honolulu Moisture Detection Corporation

P.O. BOX 1520 • PEARL CITY, HI 96782 • PH. (808) 456-3700

03 JUN 19 AIO: 36

US Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94598
Attn: Beth Riedlinger

Docket No.: 030-20371
License No: 53-23213-01
Control No: 70509

Re: Renewal of License

Dear Beth,

This correspondence is in response to the letter sent March 01, 1989 from the Medical, Academic and Commercial Use Safety Branch/ Division of Industrial and Medical Nuclear Safety concerning expiration, disposal or renewal of license.

This correspondence is accompanied by a duplicate set of our license and related documents which have not changed since the last amendment in accordance with the INSTRUCTIONS FOR PREPARATION OF APPLICATION FOR LICENSE RENEWAL.

If there are any question please feel free to call me at 487-1488.

Aloha,

Guy Akasaki
Guy Akasaki
Pres.

- Enclosures:
1. Renewal Fee
 2. Duplicate of license & related documents

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REG5 LIC30
53-23213-01 PDR

DATE	JUN - 3 - 89
NO. OF PAGES	
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AMOUNT	01897
FEE CATEGORY	38
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DATE CHECK RECEIVED	6/26/89
WORKS COMPLETED	6/26/89
BY	Murphy

(nuclear moisture detection service for roofs, decks, and walls)

70995



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1400 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

APR 18 1987

Docket No. : 030-20371
License No.: 53-23213-01
Control No.: 70509

Honolulu Moisture Detection Corp.
P.O. Box 1520
1212 Palekaiko Street
Pearl City, Hawaii 96782

Attention: Mr. Guy M. Akasaki
President

Gentlemen:

Enclosed is the NRC license amendment which you requested.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify us so that we can provide appropriate corrections and answers.

Any future correspondence relating to your license should specifically reference your license and docket numbers to expedite your inquiry.

Sincerely,

Beth A. Riedlinger

Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section

Enclosure: Attachment A
Amendment No. 1 to License No. 53-23213-01

ATTACHMENT A

Please be advised that unless your license has been terminated, you must conduct your program involving radioactive 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. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain appropriate amendments if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. A license fee may be charged for the amendments if you are not in a fee-exempt category.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

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, 10 CFR Part 2, Appendix C. 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 when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which the NRC expects of its licensees.

Thank you for your cooperation.

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, 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 style="text-align: center;">Licensee</p> <p>1. Honolulu Moisture Detection Corp. P.O. Box 1520</p> <p>2. 1212 Palekaiko Street Pearl City, Hawaii 96782</p>	<p>In accordance with letter dated December 23, 1986</p> <p>3. License number 53-23213-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 1989</p> <hr/> <p>5. Docket or Reference No. 030-20371</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Cesium 137	A. Sealed sources (Campbell Pacific Nuclear Model CPN-131)	A. Not to exceed 10 millicuries per source
B. Americium 241	B. Sealed neutron sources (Campbell Pacific Nuclear Model CPN-131)	B. Not to exceed 50 millicuries per source

9. Authorized use

A. For use in Campbell Pacific Nuclear Model MC-M gauges for moisture measurements.

A. and B. For use in Campbell Pacific Nuclear Model MC Series gauges for moisture/density measurements.

CONDITIONS

10. Licensed material may be used at 99-1026 Iwaena Street; Aiea, Hawaii 96701 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.
11. Licensed material shall be used by, or under the supervision and in the physical presence of, Guy M. Akasaki or individuals who have successfully completed the manufacturer's training course in the use of the devices and have been approved by Guy Akasaki, President. The licensee shall maintain records of individuals designated as users.
12. Sealed sources containing licensed material shall not be opened.

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MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense number
53-23213-01Docket or Reference number
030-20371

Amendment No. 1

CONDITIONS

13. A. The source(s) specified in Item(s) 7.A. and 7.B. shall be tested for leakage and/or contamination at intervals not to exceed one year. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
- B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.
- C. The 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, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region V; Nuclear Materials Safety and Safeguards Branch; 1450 Maria Lane, Suite 210; Walnut Creek, California 94596. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
- D. The licensee is authorized to collect leak test samples for analysis by Campbell Pacific Nuclear Corporation or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee shall conduct a physical inventory every six (6) months to account for all sources and/or devices received and possessed under the license. Records of the inventories shall be maintained for two (2) years from the date of each inventory.
15. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material".

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number
53-23213-01

Docket or Reference number
030-20371

Amendment No. 1

CONDITIONS

(continued)

16. 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 received May 15, 1984
- B. Letter received June 15, 1984
- C. Letter dated December 23, 1986
- D. Letter dated March 31, 1987

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 13 1987

By Beth A. Riedlinger
Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section
Region V

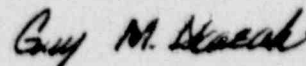
HONOLULU MOISTURE DETECTION CORPORATION
PO BOX 1520
PEARL CITY, HI 96782

3. The typical duties and responsibilities of the RPO would be in accordance with item #5 in the guide:
- a) To assure that byproduct materials possessed under the license conform to the materials listed on the license.
 - b) To assure that use of the devices, particularly in the field is only by individuals authorized on the license.
 - c) To assure that all users wear personnel monitoring equipment, such as film badges or thermoluminescence dosimeters (TLD), when required.
 - d) To assure that gauges are properly secured against unauthorized removal at all times when they are not in use.
 - e) To serve as a point of contact and give assistance in case of emergency (gauge damage in the field, fire, theft, etc) to assure that proper authorities, for example, NRC, local police, and state personnel, are notified promptly in case of accident or damage to gauge.
 - f) To assure that the terms and conditions of the license, such as periodic leak tests, are met and that the required records, such as personnel exposure records, leak test records, etc., are periodically reviewed for compliance with Nuclear Regulatory Commission regulations, requirements, and license conditions.

4/5 See attached sheet. Titled, Radiation Protection Program for Users

Thank you very much for the helpful enclosures sent by you. If any additional information is required, we will more than accommodate you.

Sincerely,



Guy M Akasaki
President

Enclosures: Signed xeroxed application (2 ea)
Radiation Protection Program for Users.



CPN CORP
 130 SO. BUCHANAN CIRCLE
 PACHECO, CA. 94553
 415-~~687-6478~~ 228-9710

TECH DATA SHEET # 11A

RECOMMENDED RADIATION SAFETY PROGRAM - LICENSING

THE FOLLOWING NUCLEAR SAFETY PROCEDURES WILL BE OBSERVED AT ALL TIMES. A COPY OF THIS PROCEDURE SHEET WILL BE MAINTAINED WITH THE GAUGE IN THE SHIPPING CASE AS WELL AS IN THE LICENSE FILE WITH THE RADIATION SAFETY OFFICER.

1. The Nuclear Gauge will be securely restrained in vehicles to prevent theft or loss while unattended or in an accident. Metal clamps, chains, or bars will be used.
2. The Nuclear Gauge and its shipping case will be hidden from view while in an unattended vehicle to minimize attractive nuisance value.
3. All users will wear film badges when using the Nuclear Gauge. Badges will be stored away from gauges when not in use and will be protected from external heat.
4. Radiation labels or placards will be removed from vehicles when not actually transporting the Nuclear Gauge to avoid confusion should an accident occur to the vehicle when it does not contain the Gauge.
5. Gauges will be securely locked in storage areas when not in use. Keys will be restricted to authorized users only.
6. The Nuclear Gauge will be used only by users specifically authorized in writing by the Radiation Safety Officer.
7. The Gauge will be leak tested annually using Campbell Pacific Nuclear Test kit TD-11B or other approved kit. Results will be maintained for permanent record and inspection.
8. Disposal of the source or of the device will not be done by licensee directly.

In the event of emergency disposal, we shall contact the factory or other authorized disposal facility for instructions.

The unit will be transferred only to authorized licensees for this specific device and a record of transfer will be retained in our files, with proof of license authority by the recipient, in the event of sale, trade, loan, or other transfer.
9. In the event of emergency with possible damage to the radioactive source:
 - Freeze site - Stop any involved vehicles.
 - Restrict access to 10' from the gauge, vehicles, or tracks.
 - Call for competent, trained assistance:

RSO: Guy Masatoshi Akasaki Work#487-6488-----Home#455-9228

PUBLIC HEALTH OFFICE: Dept Noise & Radiation Branch #548-3075

CIVIL DEFENSE: (808)523-4121 Oahu/ (808)734-2161 State Of Hawaii

CPN FACTORY: 228 9710
415-~~687-6478~~

OTHER: Police 911 Fire 911



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

MAR 30 1988

Docket No. : 030-20371
License No.: 53-23213-01
Control No.: 70740

Honolulu Moisture Detection Corp.
P.O. Box 1520
1212 Palekaiko Street
Pearl City, Hawaii 96782

Attention: Mr. Guy M. Akasaki
President

Gentlemen:

This will acknowledge receipt of your letter dated March 17, 1988.

As License Condition 11. authorizes the use of licensed material by individuals who have completed the manufacturer's training course, Messrs. Imamoto and Miyaji are currently authorized users. No amendment to your license is necessary at this time.

When a license amendment is necessary for some other reason, you may wish to resubmit your request to have these individuals listed by name in License Condition 11.

Sincerely,


Beth A. Riedlinger

Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section


No 10228

Certificate Of Completion

This is to certify that JARRETT A. MIYAH has completed the
basic training course on Radiation Safety and Use of Nuclear Soil Gauges,
held this 23RD day of SEPTEMBER 19 87, held at GRACE BROTHERS
City of HONOLULU State of HAWAII by CPN Corporation.


DAVID R. HART
INSTRUCTOR

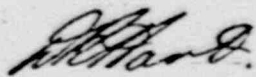

CPN
CORPORATION
2830 Howe Road
Martinez, California USA 94553


RADIATION SAFETY OFFICER

No 10227

Certificate Of Completion

This is to certify that JERE M IMAMOTO has completed the
basic training course on Radiation Safety and Use of Nuclear Soil Gauges,
held this 23RD day of SEPTEMBER 19 87, held at GRACE BROTHERS
City of HONOLULU State of HAWAII by CPN Corporation.

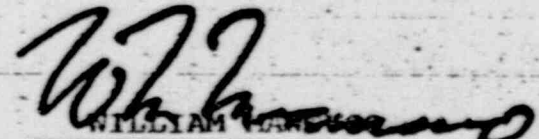


DAVID R. HART
INSTRUCTOR



CPN
CORPORATION

2830 Howe Road
Martinez, California USA 94553



WILLIAM
RADIATION SAFETY OFFICER

Certificate of Completion

This is to certify that GUY AKASAKI has completed the basic training
course on Radiation Safety and Use of Nuclear Soil Gauges held

this 18TH day of APRIL 19 84, held at HOLIDAY INN City of CONCORD

State of CALIFORNIA by Campbell Pacific Nuclear Corporation.

DAVID HARRIS

INSTRUCTOR

FREDERICK GAMBRELL

RADIATION SAFETY OFFICER



CPN CORP
 130 SO. BUCHANAN CIRCLE
 PACHECO, CA. 94553
 PHONE 415-887-6472 228-9770

TECH DATA SHEET # 11C

PERMANENT STORAGE LOCATION FOR NUCLEAR GAUGES

Honolulu Moisture Detection Corp

(Licensee)

99-1026 Iwaena St.

(Permanent Storage Address)

Aiea, HI 96701

(City, State, and Zip)

(Date)

CERTIFICATION

I certify that the sketch of the proposed storage location is an accurate representation of our storage intentions. I also certify that the gauge will be stored on temporary jobsites in accordance with the same procedures and recommendations as closely as is practical.

X *Guy M Skosak*

Rad Safe Officer

GENERAL

License regs require secure, locked storage of nuclear devices when not in use, with final key access only by authorized users. Each storage area will differ for each user, however, the following access integrity will be maintained.

RECOMMENDATIONS

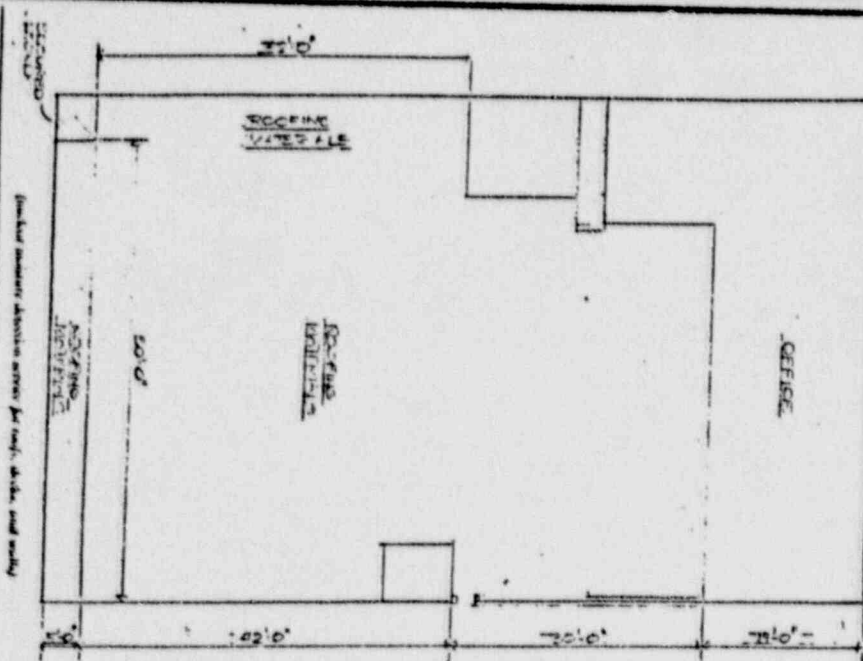
- Lighted area with electrical outlet for charging gauge while in storage.
- Gauge(s) 10' from nearest desk or other location requiring full time employee attention. Coming and going around the gauge is alright.
- Check the other side of the nearest wall by the gauge. Somebody may work there full time.
- In a space shared with others, the gauge will be separately locked to the wall, floor, or pipe, thus preventing removal or movement.

TYPICAL STORAGE EXAMPLES

- Gauge shipping case, or "like" case, secured to the floor or wall in a shared closet or cabinet. Radiation signs on case, case locked and immobile.
- Gauge stored inside cabinet or closet with lock and sign on outside of cabinet or closet, limited key access. Gauge case is not necessarily locked (charging, etc.)
- Gauge case and/or cabinet or closet not locked, however, the room is locked with limited key access. Sign on room door.

PROPOSED STORAGE LOCATION SKETCH

The following sketch proposes the manner in which we will store our nuclear gauges. Doors, windows, desks, and work areas are designated. We have designated the hours per day required for employees for each work area within 10 feet of the gauge.



FLOOR PLAN - SEE ADDRESS LOCATION OF EQUIPMENT
 (EQUIPMENT LOCATION OF EQUIPMENT)

Honolulu Moisture
 Detection Corporation
 99-1026 Iwaena St. - Aiea, HI 96701 - TEL: 415-887-6472



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

APR 18 1987

Docket No. : 030-20371
License No.: 53-23213-01
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Honolulu Moisture Detection Corp.
P.O. Box 1520
1212 Palekaiko Street
Pearl City, Hawaii 96782

Attention: Mr. Guy M. Akasaki
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Gentlemen:

Enclosed is the NRC license amendment which you requested.

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Sincerely,

Beth A. Riedlinger

Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section

Enclosure: Attachment A
Amendment No. 1 to License No. 53-23213-01

ATTACHMENT A

Please be advised that unless your license has been terminated, you must conduct your program involving radioactive 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. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
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<p style="text-align: center;">Licensee</p> <p>1. Honolulu Moisture Detection Corp. P.O. Box 1520</p> <p>2. 1212 Palekaiko Street Pearl City, Hawaii 96782</p>	<p>In accordance with letter dated December 23, 1986</p> <p>3. License number 53-23213-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 1989</p> <hr/> <p>5. Docket or Reference No. 030-20371</p>
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A. and B. For use in Campbell Pacific Nuclear Model MC Series gauges for moisture/density measurements.

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- 12. Sealed sources containing licensed material shall not be opened.

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MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense number
53-23213-01Docket or Reference number
030-20371

Amendment No. 1

CONDITIONS

13. A. The source(s) specified in Item(s) 7.A. and 7.B. shall be tested for leakage and/or contamination at intervals not to exceed one year. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number
53-23213-01

Docket or Reference number
030-20371

Amendment No. 1

CONDITIONS

(continued)

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- B. Letter received June 15, 1984
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FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 13 1987

By Beth A. Riedlinger
Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section
Region V

HONOLULU MOISTURE DETECTION CORPORATION
PO BOX 1520
PEARL CITY, HI 96782

3. The typical duties and responsibilities of the RPO would be in accordance with item #5 in the guide:
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 - b) To assure that use of the devices, particularly in the field is only by individuals authorized on the license.
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 - d) To assure that gauges are properly secured against unauthorized removal at all times when they are not in use.
 - e) To serve as a point of contact and give assistance in case of emergency (gauge damage in the field, fire, theft, etc) to assure that proper authorities, for example, NRC, local police, and state personnel, are notified promptly in case of accident or damage to gauge.
 - f) To assure that the terms and conditions of the license, such as periodic leak tests, are met and that the required records, such as personnel exposure records, leak test records, etc., are periodically reviewed for compliance with Nuclear Regulatory Commission regulations, requirements, and license conditions.

4/5 See attached sheet, Titled, Radiation Protection Program for Users

Thank you very much for the helpful enclosures sent by you. If any additional information is required, we will more than accommodate you.

Sincerely,

Guy M. Akasaki

Guy M Akasaki
President

Enclosures: Signed xeroxed application (2 ea)
Radiation Protection Program for Users.



CPN CORP
 130 SO. BUCHANAN CIRCLE
 PACHECO, CA. 94553
 415-~~697-6478~~ 228-9710

TECH DATA SHEET # 11A

RECOMMENDED RADIATION SAFETY PROGRAM - LICENSING

THE FOLLOWING NUCLEAR SAFETY PROCEDURES WILL BE OBSERVED AT ALL TIMES, A COPY OF THIS PROCEDURE SHEET WILL BE MAINTAINED WITH THE GAUGE IN THE SHIPPING CASE AS WELL AS IN THE LICENSE FILE WITH THE RADIATION SAFETY OFFICER.

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3. All users will wear film badges when using the Nuclear Gauge. Badges will be stored away from gauges when not in use and will be protected from external heat.
4. Radiation labels or placards will be removed from vehicles when not actually transporting the Nuclear Gauge to avoid confusion should an accident occur to the vehicle when it does not contain the Gauge.
5. Gauges will be securely locked in storage areas when not in use. Keys will be restricted to authorized users only.
6. The Nuclear Gauge will be used only by users specifically authorized in writing by the Radiation Safety Officer.
7. The Gauge will be leak tested annually using Campbell Pacific Nuclear Test Kit TD-11B or other approved kit. Results will be maintained for permanent record and inspection.
8. Disposal of the source or of the device will not be done by licensee directly.

In the event of emergency disposal, we shall contact the factory or other authorized disposal facility for instructions.

The unit will be transferred only to authorized licensees for this specific device and a record of transfer will be retained in our files, with proof of license authority by the recipient, in the event of sale, trade, loan, or other transfer.

9. In the event of emergency with possible damage to the radioactive source:

- Freeze site - Stop any involved vehicles.
- Restrict access to 10' from the gauge, vehicles, or tracks.
- Call for competent, trained assistance:

RSO: Guy Masatoshi Akasaki Work#487-6488-----Home#455-9228

PUBLIC HEALTH OFFICE: Dept Noise & Radiation Branch #548-3075

CIVIL DEFENSE: (808)523-4121 Oahu/ (808)734-2161 State Of Hawaii

CPN FACTORY: 415-~~697-6478~~ ^{228 9710}

OTHER: Police 911 Fire 911



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

MAR 30 1988

Docket No. : 030-20371
License No.: 53-23213-01
Control No.: 70740

Honolulu Moisture Detection Corp.
P.O. Box 1520
1212 Palekaiko Street
Pearl City, Hawaii 96782

Attention: Mr. Guy M. Akasaki
President

Gentlemen:

This will acknowledge receipt of your letter dated March 17, 1988.

As License Condition 11. authorizes the use of licensed material by individuals who have completed the manufacturer's training course, Messrs. Imamoto and Miyaji are currently authorized users. No amendment to your license is necessary at this time.

When a license amendment is necessary for some other reason, you may wish to resubmit your request to have these individuals listed by name in License Condition 11.

Sincerely,

Beth A. Riedlinger

Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section

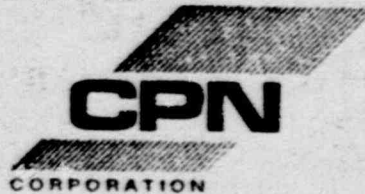
No 10228

Certificate Of Completion

This is to certify that JARRETT A. MIYAH *has completed the*
basic training course on Radiation Safety and Use of Nuclear Soil Gauges,
held this 23RD *day of* SEPTEMBER 19 87, *held at* GRACE BROTHERS
City of HONOLULU *State of* HAWAII *by* CPN Corporation.



DAVID R. HART
INSTRUCTOR



2830 Howe Road
Martinez, California USA 94553



WILLIAM T. ...
RADIATION SAFETY OFFICER

No 10227

Certificate Of Completion

This is to certify that JERE M IMAMOTO has completed the
basic training course on Radiation Safety and Use of Nuclear Soil Gauges,
held this 23RD day of SEPTEMBER 19 87, held at GRACE BROTHERS
City of HONOLULU State of HAWAII by CPN Corporation.



DAVID R. HART
INSTRUCTOR



CPN
CORPORATION

2830 Howe Road
Martinez, California USA 94553



WILLIAM KANE
RADIATION SAFETY OFFICER

Certificate of Completion

This is to certify that GUU AKASAKI has completed the basic training
course on Radiation Safety and Use of Nuclear Soil Gauges held

this 18TH day of APRIL 19 84, held at HOLIDAY INN City of CONCORD

State of CALIFORNIA by Campbell Pacific Nuclear Corporation.

DAVID HARRIS
INSTRUCTOR

PATRICK SAMBELL
RADIATION SAFETY OFFICER



CPN CORP
 130 SO. BUCHANAN CIRCLE
 PACHECO, CA. 94553
 PHONE 415-887-6472 278-9770

TECH DATA SHEET # 11C

PERMANENT STORAGE LOCATION FOR NUCLEAR GAUGES

Honolulu Moisture Detection Corp

(Licensee)

99-1026 Iwaena St.

(Permanent Storage Address)

Aiea, HI 96701

(City, State, and Zip)

(Date)

CERTIFICATION

I certify that the sketch of the proposed storage location is an accurate representation of our storage intentions. I also certify that the gauge will be stored on temporary jobsites in accordance with the same procedures and recommendations as closely as is practical.

X *Guy M Skusak*

Rad Safe Officer

GENERAL

License regs require secure, locked storage of nuclear devices when not in use, with final key access only by authorized users. Each storage area will differ for each user, however, the final key access integrity will be maintained.

RECOMMENDATIONS

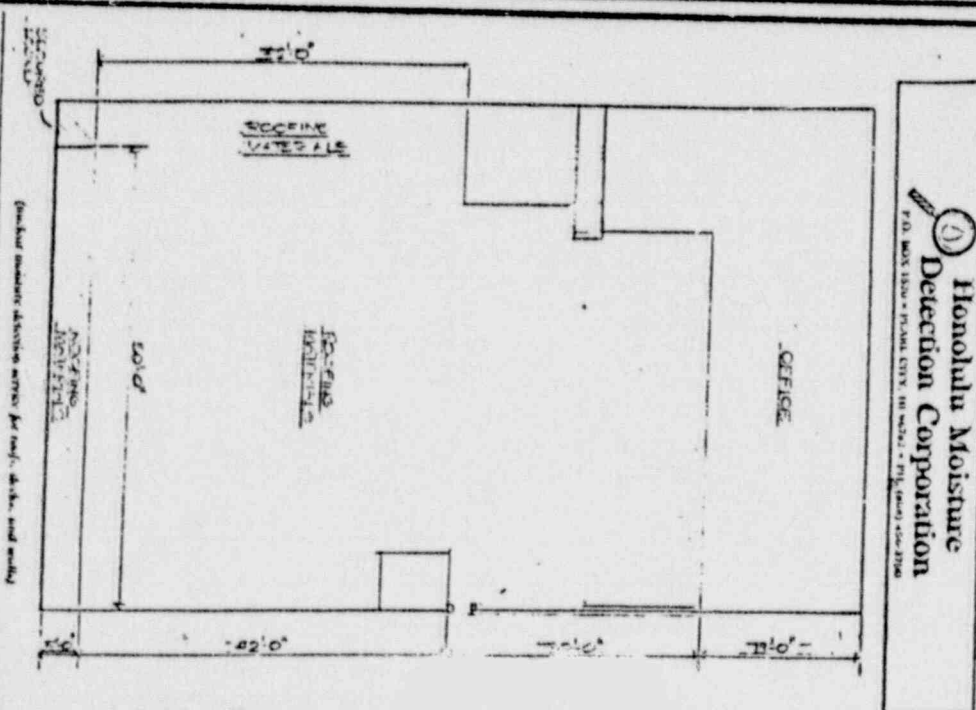
- Lighted area with electrical outlet for charging gauge while in storage.
- Gauge(s) 10' from nearest desk or other location requiring full time employee attention. Coming and going around the gauge is alright.
- Check the other side of the nearest wall by the gauge. Somebody may work there full time.
- In a space shared with others, the gauge will be separately locked to the wall, floor, or pipe, thus preventing removal or movement.

TYPICAL STORAGE EXAMPLES

- Gauge shipping case, or "like" case, secured to the floor or wall in a shared closet or cabinet. Radiation signs on case, case locked and immobile.
- Gauge stored inside cabinet or closet with lock and sign on outside of cabinet or closet, limited key access. Gauge case is not necessarily locked (charging, etc.)
- Gauge case and/or cabinet or closet not locked, however, the room is locked with limited key access. Sign on room door.

PROPOSED STORAGE LOCATION SKETCH

The following sketch proposes the manner in which we will store our nuclear gauges. Doors, windows, desks, and work areas are designated. We have designated the hours per day required for employees for each work area within 10 feet of the gauge.



FLOOR PLAN OF SCENE VESTALS
 (RECOMMENDATION LOCATION FOR STORAGE)

Maurice Messier
LFMB, MNBB 4503

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JUL - 7 1989

Docket No. : 030-20371
License No.: 53-23213-01
Control No.: 70995

Honolulu Moisture Detection Corp.
P.O. Box 1520
1212 Palekaiko Street
Pearl City, Hawaii 96782

Attention: Mr. Guy M. Akasaki
President

Gentlemen:

Enclosed is the NRC license renewal which you requested.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify us so that we can provide appropriate corrections and answers.

Any future correspondence relating to your license should specifically reference your license and docket numbers to expedite your inquiry.

Sincerely,

Original Signed

Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section

Enclosure: Attachment A (original)
Amendment No. 2 to License No. 53-23213-01 (original and copy)

MCSPK

JUL - 7 1989

Distribution

bcc w/original concurrence, copy of license, and original correspondence:

License docket folder (Peggy)

bcc w/copy of license and correspondence:

Inspection folder (Peggy)

bcc w/copy of license:

Reading file (Frances)

bcc w/correspondence and 2 copies of license:

Maurice Messier, LFMB, MNBB 4503

license only:

State of Hawaii

F. Browne

J. Montgomery

D. Skov

B. Riedlinger

7/7/89

REQUEST COPY]	REQUEST COPY]	REQUEST COPY]	REQUEST COPY]	REQUEST COPY]
YES / NO]	YES / NO]	YES / NO]	YES / NO]	YES / NO]