

TO: License Fee and Accounts Receivable Branch

FROM: Region IV - WCFO

SUBJECT: VOIDED APPLICATION

Applicant: Dept. of Health + Human Services

Control Number: 572437

License No.: 46-29105-01 (new license app.)

Docket No.: 030-34299

Date Voided: 1/29/97

Reason for Void:

This application was transferred to the Business Process
Reengineering Group. They logged this in separately and
issued license 46-25384-01. This Control No. (572437)
is no longer necessary + is VOIDED.

Beth A. Prange 1/29/97
Signature Date

Attachment:
Official Record Copy of
Voided Action

FOR LFARB USE ONLY

Final Review of VOID completed:

☐ Refund Authorized and processed

☐ No Refund Due

☐ Fee Exempt or Fee Not Required

Comments: _____

Log completed _____
Processed by: _____

9702210090 970129
PDR ADOCK 03034299
C PDR

210022

ML 40

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: _____
Status Code: 3 _____
Fee Category: _____
Exp. Date: 0 _____
Fee Comments: _____
Decom Fin Assur Req'd: _____

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: HEALTH & HUMAN SERV., DEPARTMENT OF
Received Date: 961209
Docket No.: 3034299
Control No.: 572437
License No.: _____
Action Type: New Licensee

2. F&E 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 _____



DEPARTMENT OF HEALTH & HUMAN SERVICES

29105

new

Public Health Service

Centers for Disease Control
and Prevention (CDC)
National Institute for Occupational
Safety and Health (NIOSH)

Spokane Research Center
315 East Montgomery Avenue
Spokane, WA 99207-2291
(509) 484-1610

030-34299

December 3, 1996

Ms. Beth A. Prange, Health Physicist (Licensing)
U.S. Nuclear Regulatory Commission, Region V
Radioactive Materials Safety Branch
1450 Maria Lane
Walnut Creek, California 94596-5368

Dear Ms Prange:

The National Institute for Occupational Safety and Health, Spokane Research Center, is making application for a material license. This application is necessary because the closure of the U.S. Bureau of Mines, Spokane Research Center. Please refer to the Department of the Interior, Bureau of Mines, Spokane Research Center license number 46-03943-01. Essentially the responsibility for the licensed materials and their use remains with officials at the Spokane Research Center.

The necessary application, NRC form 313, and training certification documentation are enclosed in this letter. If you have additional requirements in reference to this application, please notify me at (509) 484-1610.

Sincerely yours,

Wayne L. Howie
Radiation Safety Officer

Enclosures

572437

030-34299

29105

New

NRC FORM 313

U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES 6-30-96

(6-93)

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

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 9 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. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

APPLICATION FOR MATERIAL LICENSE

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:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2000
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,
SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137-5927

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW
MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING,
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S.
TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

RADIOACTIVE MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARIA LANE
WALNUT CREEK, CA 94596-5386

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 Ref. License #46-03973-01
☐ B AMENDMENT TO LICENSE NUMBER _____
☐ C RENEWAL OF LICENSE NUMBER _____

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

National Institute for Occupational
Safety and Health (NIOSH), Spokane
Research Center, 315 East Montgomery
Avenue, Spokane, WA 99207

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

National Institute for Occupational Safety and Health
Spokane Research Center
315 East Montgomery Avenue
Spokane, WA 99207 & temporary job sites in the U.S.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Wayne L. Howie

TELEPHONE NUMBER

509-484-1610

354-8051

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. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY N/A AMOUNT ENCLOSED \$ N/A
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

John R. M. Hill, Acting Research Director

SIGNATURE

John R. M. Hill

DATE

1/3/96

FOR NRC USE ONLY

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

572437

November 21, 1996

- * Note: all materials presented in this application can be referenced to previous NRC License No. 46-03943-01

5. Radioactive material

a. Element and Mass Number	b. Chemical and/or Physical Form	c. Maximum Amount which will be Possessed at any one Time
A. Cesium 137	A. Sealed sources (Troxler Dwg. A-1021112)	A. Not to exceed 10 millicurie
B. Americium 241	B. Sealed neutron sources (Troxler Dwg. A-102451)	B. Not to exceed 50 millicurie
C. Cesium 137	C. Sealed sources (Campbell Pacific Nuclear Model CPN-131)	C. Not to exceed 10 millicurie
D. Americium 241	D. Sealed neutron sources (Campbell Pacific Nuclear Model CPN-131)	D. Not to exceed 50 millicurie

6. Purpose(s) for which licensed material will be used

- A. and B. For use in Troxler Model 3400 Series Moisture-Density gauges to measure properties of construction materials.
- C. and D. For use in Campbell Pacific nuclear Model 500 Series gauges to measure properties of construction materials.

7. Individuals(s) responsible for radiation safety program and their training experience

Wayne L. Howie is the current RPO and has been since March of 1989. As such, he is the responsible individual for the radiation safety program at the renamed and reorganized agency, U.S. Department of Health and Human Services (HHS), Centers for Disease Control and Prevention (CDC), National Institute for Occupational Safety and Health (NIOSH), Spokane Research Center (SRC).

Wayne Howie has completed the device manufacturer's training program several times, most recently on February 22, 1994. Other RPO related training includes: Navy Nuclear Power Training (1963-1964); LLRW Packaging Transportation and Disposal Training from U.S. Ecology, Inc., September 22-24, 1992; and Radiation Safety Specialist Training from Oklahoma State University March 5-9, 1990. Certification and other documentation for this training is included in this mailing.

8. Training for individuals working in or frequenting restricted areas

Each employee will complete the device manufacturer's training program before being permitted to use the device.

Records documenting the training of each employee will be maintained for 2 years from completion or until retrained or removed from the program.

Licensed material specified in item 5 may be used by, or under the supervision and in the physical presence of, Wayne L. Howie, Ronald R. Backer, Christine M. K. Boldt, Roger M. Durham, Frederick M. Jones, Russell L. Levens, Robert W. McKibbin, Bill M. Stewart, Douglas R. Tesarik, Brian G. White, or individuals who have successfully completed the manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency operating procedures, and who have been designated by the Radiation Safety Officer.

9. Facilities and equipment

All licensed material devices when not in active use will be stored in a double-locked storage vault locked in the basement of the Spokane Research Center or locked up in the transport vehicle. When in active use on-site, all licensed material devices will be physically watched at all times by the authorized user.

10. Radiation safety program

10.1 Radiation safety program-audit program

Not submitted.

10.2 Radiation safety program-termination of activities

Not submitted.

10.3 Radiation safety program-survey instruments

We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program-Instruments" in draft NUREG-1556, Volume 1, dated September 1996, in the event of an incident.

10.4 Radiation safety program-material receipt and accountability

Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.

10.5 Radiation safety program-occupational dosimetry

Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10% of the allowable limits in

10 CFR, Part 20, or we will provide dosimetry processed and evaluated by a NVLAP-approved processor that is exchanged at a frequency recommended by the processor.

10.6 Radiation safety program-public dose

Not submitted.

10.7 Radiation safety program-emergency procedures

We will develop, implement, and maintain the operating and emergency procedures in Appendix H of draft NUREG-1556, Volume 1, dated September 1996.

10.8 Radiation safety program-leak test

Leak test will be performed at intervals approved by the NRC or the Agreement State and specified in the Sealed Source and Device Registration Certificate. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and in accordance with the kit supplier's instruction.

10.9 Radiation safety program-maintenance

Routine cleaning and lubrication

We will develop, implement, and maintain procedures for routine cleaning and lubrication of the source rod and shutter mechanism that contain the elements listed under discussion in the section on "Radiation Safety Program-Maintenance" in draft NUREG-1556, Volume 1, dated September 1996.

Extended maintenance

We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform more extensive maintenance or repair operations that require the removal of the source or source rod from the gauge.

10.11 Radiation safety program-transportation

Packaging and transportation of licensed devices will be carried out in accordance with all applicable Department of Transportation (DOT) regulations.

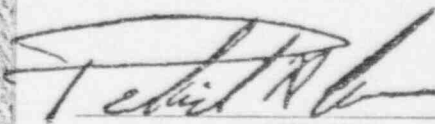
11. Waste management-gauge disposal and transfer

Gauges will be transferred to the original manufacture for disposal.

No 22992

Certificate Of Completion

This is to certify that WAYNE L. HOWIE *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd *day of* February 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*

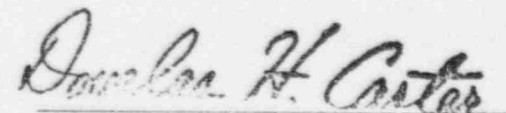


INSTRUCTOR

Patrick Corcoran



2830 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER

Douglas H. Carter

No 22982

Certificate Of Completion

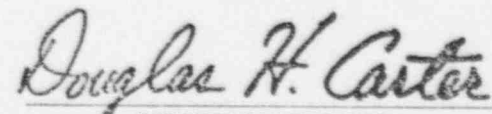
This is to certify that RON BACKER has completed
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd day of February 19 94 in the
City of Spokane State of Washington by CPN Company.



INSTRUCTOR
Patrick Corcoran



2830 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER
Douglas H. Carter

No 23059

Certificate Of Completion

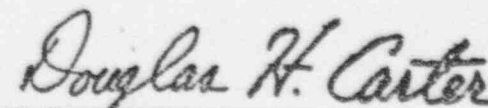
This is to certify that LANI BOLDT *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 24th *day of* March 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*



INSTRUCTOR
Patrick Corcoran



2630 Howe Road
Martinez, California 94553

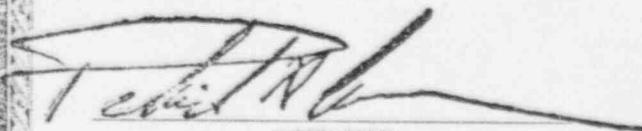


RADIATION SAFETY OFFICER
Douglas H. Carter

No 22988

Certificate Of Completion

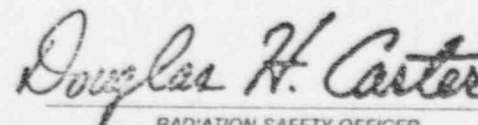
This is to certify that ROGER DURHEIM has completed
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd day of February 1994 in the
City of Spokane State of Washington by CPN Company.



INSTRUCTOR
Patrick Corcoran



2630 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER
Douglas H. Carter

No 22984

Certificate Of Completion

This is to certify that FREDRICK M. JONES *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd *day of* February *19* 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*

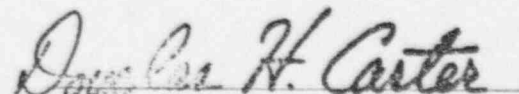


INSTRUCTOR

Patrick Corcoran



2100 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER

Douglas H. Carter

No 22981

Certificate Of Completion

This is to certify that RUSSELL L. LEVENS *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd *day of* February 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*

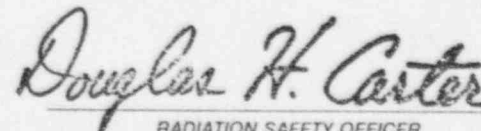


INSTRUCTOR

Patrick Corcoran



2930 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER

Douglas H. Carter

No 22991

Certificate Of Completion

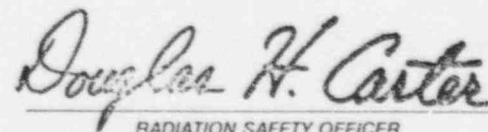
This is to certify that ROBERT McKIBBIN *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd *day of* February 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*



INSTRUCTOR
Patrick Corcoran



2830 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER
Douglas H. Carter

Nº 22989

Certificate Of Completion

This is to certify that BILL M. STEWART *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd *day of* February 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*

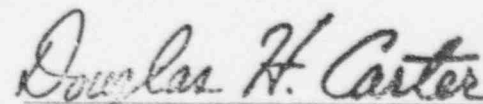


INSTRUCTOR

Patrick Corcoran



2630 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER

Douglas H. Carter

No 22985

Certificate Of Completion

This is to certify that DOUG TESARIK *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 22nd *day of* February 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*

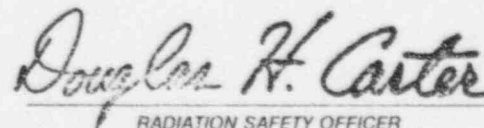


INSTRUCTOR

Patrick Corcoran



2830 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER

Douglas H. Carter

No 23061

Certificate Of Completion

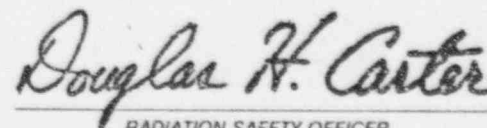
This is to certify that BRIAN WHITE *has completed*
the basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 24th *day of* March 19 94 *in the*
City of Spokane *State of* Washington *by CPN Company.*



INSTRUCTOR
Patrick Corcoran



2630 Howe Road
Martinez, California 94553



RADIATION SAFETY OFFICER
Douglas H. Carter



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV

Walnut Creek Field Office
1450 Maria Lane
Walnut Creek, California 94596-5368

DEC 13 1996

Dept. of Health and Human Services
National Institute for Occupational Safety & Health
Spokane Research Center
ATTN: John R. M. Hill
Acting Research Director
315 East Montgomery Avenue
Spokane, Washington 99207-2291

SUBJECT: ACKNOWLEDGMENT OF REQUEST FOR LICENSING ACTION

REFERENCE: Application dated December 3, 1996

We have completed the administrative review and initial processing of your application.

Please note that the technical review may identify additional omissions in the submitted information or technical issues that require additional information.

New actions are normally processed within 120 days, unless the technical review identifies:

- Major technical deficiencies
- Policy issues that require input and coordination with other NRC Regional offices, Agreement State offices, or NRC's Office of Nuclear Materials and Safeguards

Any correspondence about this application should reference the Control number listed below.

Sincerely,

Beth A. Prange
Senior Health Physicist (Licensing)
Materials Branch

Docket No. 030-34299
License No. 46-29105-01
Control No. 572437

bcc:
Docket File

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	RIV:AO:NMLB	N		N				
NAME	J. Garcia <i>JG</i>		B. Prange <i>BAP</i>					
DATE	12/13/96		12/13/96					