

VOID SHEET

TO: License Fee Management Branch

FROM:

Region IV

SUBJECT: VOIDED APPLICATION

Control Number:

462306

Applicant:

Dept. of the Interior

Date voided:

10/22/90

Reason for void:

Licensee has not responded to deficiency letter dated May 3, 1990. Review accomplished

Bill Muszynski 10/22/90
Signature Date

Attachment:

Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due
- Fee Exempt or Fee Not Required

Comments:

9012120233 901022
REG4 LIC30
MATLSLICENSING PDR

Log completed

Processed by:

ML400
not logged
Mr. Russell

90 OCT 29 3:13
RECEIVED



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 9 0 1990

MEMORANDUM FOR: Vivian H. Campbell
Nuclear Materials Safety Branch
Region IV

FROM: Floyd DesChamps
Commercial Section
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

MAY - 3 1990

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RE: US DEPARTMENT OF
THE INTERIOR (LICENSE NO. 11-17631-01, CONTROL NO. 420484)

The letter is in response to your Technical Assistance Request on the renewal and amendment of License No. 11-17631-01. To continue this evaluation, the following information about the new sealed sources, Amersham Model CXC.07244, to be used in Idaho Industrial Instruments, Inc. gauges (Models DPC-1-80 and RSG-1-AS) will be needed:

- A written description of the seal source including information on the chemical and physical form of the radioactive material, materials of construction, dimensions and methods for fabricating and sealing the source.
- Drawings or sketches of the sealed source showing components pertinent to radiation safety and their relationship to the gauge's features. Drawings of the gauge's areas that house the sealed sources and the method of attachment within the housing with dimensions and tolerances should also be included.
- Identify the extremes of the environmental and operating conditions.
- Description of how and with what information will the sealed source be labelled.
- Radiation profiles or other statement of radiation levels associated with the sealed source and the corresponding activity levels.
- Description of the manufacturer's quality assurance program for the sealed source.

For additional information concerning the requests above, see Regulatory Guide 10.11, "Guide For the Preparation of Applications For Radiation Safety Evaluation and Registration Of Sealed Sources Containing Byproduct Material."

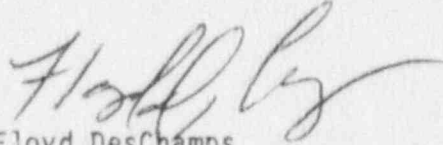
ORIGINAL SENT TO
DCS 10190

MAR 8 0 1990

Ms. Vivian H. Campbell

- 2 -

If you have any questions, please feel free to contact me at (301) 492-0503.



Floyd DesChamps
Commercial Section
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

MAY 3 1990

NMLS:VHC
Control No. 462306

Department of the Interior
Bureau of Reclamation
Minidoka Project Office
ATTN: Max E. Van Den Berg
Project Superintendent
1359 Hansen Avenue
Burley, Idaho 83318

Gentlemen:

We have reviewed your application dated March 25, 1988, and letter dated March 31, 1988, requesting an amendment to your byproduct material license to use sealed sources, Amersham Model CKC.07244, in Idaho Industrial Instruments, Inc. gauges (Models DPC-1-80 and RSG-1-AS). We found it necessary to send your request to our headquarter's office who have evaluated the compatibility of the device/sealed source combination requested. However, before further action can be taken, we will require the following additional information.

1. A written description of the sealed source including information on the chemical and physical form of the radioactive material, materials of construction, dimensions and methods for fabricating and sealing the source.
2. Drawings or sketches of the sealed source showing components pertinent to radiation safety and their relationship to the gauge's features. Drawings of the gauge's areas that house the sealed sources and the method of attachment within the housing with dimensions and tolerances should also be included.
3. Identify the extremes of the environmental and operating conditions.
4. Description of how and with what information will the sealed source be labelled.
5. Radiation profiles or other statement of radiation levels associated with the sealed source and the corresponding activity levels.
6. Description of the manufacturer's quality assurance program for the sealed source.

For additional information concerning the requests above, see Regulatory Guide 10.11, entitled, "Guide for the Preparation of Applications for Radiation Safety Evaluation and Registration of Sealed Sources Containing Byproduct Material."

RIV:NMLS
VHCampbell

5/3/90

RECEIVED
MAY 29 1990
ORIGINAL SENT TO
DCS 12/90

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter. Please reply in duplicate and refer to Control No. 462306.

Sincerely,

Original Signed By:
Vivian H. Campbell

Vivian H. Campbell
Health Physicist
Nuclear Materials Licensing Section

Enclosure:
Regulatory Guide 10.11,
"Guide for the Preparation of
Application for Radiation Safety
Evaluation and Registration of
Sealed Sources Containing
Byproduct Material"

R1201020

LICENSING TRACKING SYSTEM

DATE: 04/06/88
PAGE: 1

LTS WORKSHEET

DOCKET NO : 03013088 LICENSE NO : 11-17631-01 STATUS: ~~0~~ 2
 MAIL CONTROL: 429484 RECEIPT DATE : ~~880405~~ ⁸⁸¹²¹¹ ACTION TYPE: ~~4~~ 4
 FED. GOVT : Y INST. CODE : 17631 LICENSE REGION: 4
 ISSUE DATE: 861202 ORIGINAL DATE: _____ EXPIRATION DATE: 19880531

LMS 19 I5
 12/12/88

NAME : INTERIOR, DEPARTMENT OF THE
 DEPT/BUREAU: BUREAU OF RECLAMATION, MINIDOKA PRO
 BUILDING : _____
 STREET : 1359 HANSEN AVENUE
 CITY : BURLEY STATE: ID ZIP: 83318
 CONTACT PERSON: EARL CORLESS PHONE: _____

PRIMARY PGM CODE : 03120 SECONDARY PGM CODES: _____
 INSPECTION REGION: 4 PRIORITY CODE: 7 INSPECTION CATEGORY: K
 RADIATION SAFETY OFFICER: EARL CORLESS

STATES WHERE USE IS AUTHORIZED: 1 0 - ALL LISTED STATES
 1 - SAME AS STATE IN ADDRESS
 2 - ALL STATES
 3 - NON-AGREEMENT STATES
 AUTHORIZED STATES: _____ (USE ONLY IF ABOVE IS ZERO)

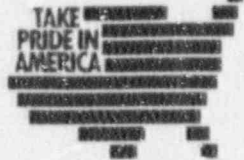
REPORTING IDENTIFICATION SYMBOL: _____
 APPROVAL FOR: REDISTRIBUTION: N STORAGE ONLY: N
 TEMPERARY JOB SITES: N INCINERATION: N
 BURIAL: N

EXEMPTIONS: (1) _____ (2) _____



United States Department of the Interior

BUREAU OF RECLAMATION
MINIDOKA PROJECT OFFICE
1359 HANSEN AVENUE
BURLEY, IDAHO 83318



IN REPLY REFER TO: 405

MAR 31 1988

U. S. Nuclear Regulatory Commission
Nuclear Materials Safety Section
Division of Radiation Safety and Safeguards
Washington, DC 20555

Subject: Renewal and Amendment of License No. 11-17631-01

Ladies and Gentlemen:

Enclosed is our Application for License Renewal and Amendment. We are requesting an amendment to increase the total number of sources to be possessed at any one time. As our present sources continue their radioactive decay, and the count rate slows, the time required to obtain a reading will soon exceed the available time limits within the capability of our measuring instruments. It is therefore necessary to replace the present sources with newer ones.

We are negotiating with Mr. Larry Davis of Idaho Falls to transfer sources owned by him for use in our gages. As a result, there will be a temporary period of time during which it will be necessary to have in our possession 33 sealed sources of cobalt 60. Each of these sources had an activity of 10 millicuries when manufactured. The 15 new sources we intend to acquire are Amersham Model CKC.Q7244 ANSI Class C64444 Type RG10A. After installing the newer more active sources, it is our intention to dispose of the old sources in an authorized manner.

Sincerely yours,

Max E. Van Den Berg
Project Superintendent

Rec'd 4/5/88

462305
~~420484~~

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.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
 DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
 WASHINGTON, DC 20555

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:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
 NUCLEAR MATERIAL SECTION B
 531 PARK AVENUE
 KING OF PRUSSIA, PA 19406

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
 MATERIAL RADIATION PROTECTION SECTION
 101 MARIETTA STREET, SUITE 2900
 ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

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

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

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
 MATERIAL RADIATION PROTECTION SECTION
 611 RYAN PLAZA DRIVE, SUITE 1000
 ARLINGTON, TX 76011

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
 MATERIAL RADIATION PROTECTION SECTION
 1450 MARIA LANE, SUITE 210
 WALNUT CREEK, CA 94596

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 JURISDICTION.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item):</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>11-7631-01</u></p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>11-17631-01</u></p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)</p> <p>Bureau of Reclamation Minidoka Project Office 1359 Hansen Avenue Burley, Idaho 83318</p>
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3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED: 1359 Hansen Avenue, Burley, Idaho, and six isolated mountain locations previously approved.

<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p><u>Earl M. Corless</u></p>	<p>TELEPHONE NUMBER</p> <p><u>(208) 678-0461</u> <u>BTS 554-6631</u></p>
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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.

<p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.</p>	<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>				
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.</p>	<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p>				
<p>9. FACILITIES AND EQUIPMENT.</p>	<p>10. RADIATION SAFETY PROGRAM.</p>				
<p>11. WASTE MANAGEMENT.</p>	<p>12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)</p> <table border="1" style="width:100%"> <tr> <td>FEE CATEGORY</td> <td>AMOUNT ENCLOSED</td> </tr> <tr> <td><u>170.11.5</u></td> <td><u>\$ N/A</u></td> </tr> </table>	FEE CATEGORY	AMOUNT ENCLOSED	<u>170.11.5</u>	<u>\$ N/A</u>
FEE CATEGORY	AMOUNT ENCLOSED				
<u>170.11.5</u>	<u>\$ N/A</u>				
<p>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, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.</p> <p>WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1949 AND 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.</p>					

SIGNATURE—CERTIFYING OFFICER	TY. PRINTED NAME	TITLE	DATE
<u>Max E. Van Den Berg</u>	<u>Max E. Van Den Berg</u>	<u>Project Superintendent</u>	<u>3/25/88</u>

<p>14. ANNUAL RECEIPTS</p> <table border="1" style="width:100%"> <tr> <td><\$250K</td> <td>\$1M-3.5M</td> </tr> <tr> <td>\$250K-500K</td> <td>\$3.5M-7M</td> </tr> <tr> <td>\$500K-750K</td> <td>\$7M-10M</td> </tr> <tr> <td>\$750K-1M</td> <td>>\$10M</td> </tr> </table>		<\$250K	\$1M-3.5M	\$250K-500K	\$3.5M-7M	\$500K-750K	\$7M-10M	\$750K-1M	>\$10M	<p>15. VOLUNTARY ECONOMIC DATA</p> <p>15a. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)</p> <p>15b. NUMBER OF BEDS</p>	<p>15c. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial—proprietary—information furnished to the agency in confidence)</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO</p>
<\$250K	\$1M-3.5M										
\$250K-500K	\$3.5M-7M										
\$500K-750K	\$7M-10M										
\$750K-1M	>\$10M										

FOR NRC USE ONLY			
TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
AMOUNT RECEIVED	CHECK NUMBER		APPROVED BY
			DATE

462305

ATTACHMENT TO APPLICATION FOR MATERIALS LICENSE
USNRC FORM 313 LICENSE NO. 11-17631-0

LINE 5

- a. Cobalt 60
- b. Sealed Sources
- c. 340 millicuries

LINE 6

To measure snow water content, precipitation accumulation and soil moisture.
For hydrological and meteorological remote data collection.

LINE 7

Earl M. Corless and Joseph J. Parker. Mr. Corless and Mr. Parker were approved on the original license and amendment no. 02 respectively. Mr. Leo Busch has transferred and should be deleted.

LINE 8

The scope of the training has been previously submitted for the individuals listed on line 7 and they have been approved under the existing license.

LINE 9

The location of the gauges, the type of facilities, fencing, signing and type of equipment housing the radioactive sources has not changed and have been previously approved.

LINE 10

The radiation safety program has been previously approved.

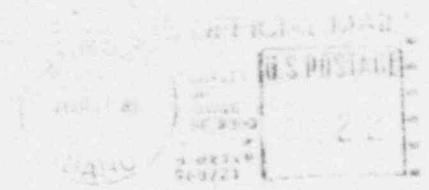
LINE 11

Radioactive waste is not generated by our program.

462305

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
1359 HANSEN AVENUE
BURLEY, IDAHO 83318-1821
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

Rachel Stockstill



6-A-18

U.S. Nuclear Regulatory Commission
Nuclear Materials Safety Section
Division of Radiation Safety and Safeguards
Washington, DC 20555