

VOID SHEET

TO: License Fee Management Branch
FROM: RTII
SUBJECT: VOIDED APPLICATION

Control Number: 89694
Applicant: Amer Insp Co.
Date Voided: 1/14/91
Reason for Void: _____

Completion of review is pending resolution of inspection issues. Licensee may request that we reactivate our review after inspection issues are resolved.

9102070257 910122
REG3 LIC30
MATLSLICENSING PDR

Kim G. Nell 1/22/91
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 after Review
- Fee Exempt or Fee Not Required

Comments: _____

Log completed
Processed by: EP

060138

MH30
11

: (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 : PROGRAM CODE: 03320
 : STATUS CODE: 0
 : FEE CATEGORY: 30
 : EXP. DATE: 19920131
 : FEE COMMENTS: -----
 : ::

BETWEEN:
 LICENSE FEE MANAGEMENT BRANCH, ARM
 AND
 REGIONAL LICENSING SECTIONS

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
 APPLICANT/LICENSEE: AMERICAN INSPECTION CO.
 RECEIVED DATE: 900626
 DOCKET NO: 3029541
 CONTROL NO.: 389694
 LICENSE NO.: 12-24801-01
 ACTION TYPE: AMENDMENT

2. FEE ATTACHED
 AMOUNT: -----
 CHECK NO.: 8 -----

3. COMMENTS

SIGNED P. Rutloff
 DATE 6-26-90

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED / /)

1. FEE CATEGORY AND AMOUNT: 30 \$230

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
 AMENDMENT -----
 RENEWAL -----
 LICENSE -----

3. OTHER -----

SIGNED CP
 DATE 8/30/90

JAN 22 1991

American Inspection Co.
ATTN: Mr. Daniel McCool, President
226 S. Forrest Ave.
Itasca, IL 60143

Gentlemen:

As per a telephone conversation between Mr. Paul Bauman of your staff and me on January 14, 1991, you are hereby notified that we have voided your request submitted in letters dated June 20, 1990 and September 24, 1990.

Following resolution of pending issues with our inspection staff, you may request that we reactivate our review of the above mentioned letters. Please submit your request in writing and refer to VOIDED CONTROL NUMBER 89694.

If you have any questions or require clarification on any of the information stated above, you may contact us at (708) 790-5625.

Sincerely,

Original Signed By
Kevin G. Null
Materials Licensing
Section

RIII

Null/cs
1/17/91

KN

CONVERSATION RECORD

TIME

DATE

TYPE

 VISIT CONFERENCE TELEPHONE INCOMING OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

SUBJECT

SUMMARY

OK to void per Mr. Brown they will request that we reactivate following inspection issues being resolved.

ACTION REQUIRED

Void c/o 89694

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TYPE VISIT CONFERENCE TELEPHONE INCOMING OUTGOING

DATE: 1/14/94

Location of Visit/Conference: _____

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU: Ray C. & Mike M.

ORGANIZATION (Office, dept., bureau, etc.): _____

TELEPHONE NO.: _____

ROUTING	
NAME/SYMBOL	INT

SUBJECT: c/N

SUMMARY
We discussed status of ANSPEC inspection performed by RTH & their pending report to be sent to RTH for review. Ray stated that upon RTH review of the report we will determine whether enforcement action will be required. Until then we should not work on license's amendment request (Edwards). Mike suggested that we wait the action & reactivate upon completion of inspection issues & auto action. Ray agreed.

I will call Henslee & explain that they can reactivate (with no add'l fee) c/N 89694 when inspection issues are resolved.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
	Tim G. Nell	1/14/94

ACTION TAKEN

SIGNATURE	TITLE	DATE

CONVERSATION RECORD

TIME

DATE

1/14/79

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

ROUTING

NAME/SYMBOL	INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

Ray, C. & Burke, A.

SUBJECT

C/N

SUMMARY

We discussed status of AMSPEC inspection performed by RTU & their pending report to be sent to RTU for review. Ray stated that upon RTU review of the report we will determine whether enforcement action will be required. Until then we should not work on Henslee's amendment request (6/20/78). Mike suggested that we void the action & reactivate upon completion of inspection issues & write action. Ray agreed.

I will call Henslee & explain that they can reactivate (with no add'l fee) of U8894 when inspection issues are resolved.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Tim G. Null

1/14/79

ACTION TAKEN

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TIME

DATE

12/31/90

TYPE

 VISIT CONFERENCE TELEPHONE INCOMING OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

Darrin Woodman

SUBJECT

1/28 89694

SUMMARY

inspection
Asked Darrin if issues to AMSPCC have been resolved + if I can work on these problems again. Darrin stated that all issues have not yet been resolved, + that I should hold off working on this action until further notice.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Ken G. Mat

12/31/90

ACTION TAKEN

SIGNATURE

TITLE

DATE

CONVERSATION RECORD

TIME

DATE

9/27/90

TYPE

 VISIT CONFERENCE TELEPHONE INCOMING OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT
WITH YOU

Dorrell W.

ORGANIZATION (Office, dept., bureau,
etc.)

TELEPHONE NO.

SUBJECT

C/N 89694

SUMMARY

Do not issue License coming to

RTH for a PMGT meeting.

Action has been placed on the

exception list per instructions from

Bill Adam.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

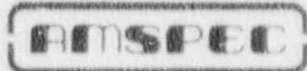
Kevin G. Null 9/28/90

ACTION TAKEN

SIGNATURE

TITLE

DATE



September 24, 1990

U.S. Nuclear Regulatory Commission
Region III
Material Licensing Section
799 Roosevelt Rd.
Glen Ellyn, IL 60137

ATTN: Mr. Kevin Null, Case Reviewer

RE: LICENSE NUMBER 12-24801-01.

Dear Mr. Null:

Further to our September 24th conversation please add these changes to the reference license amendment, Case # 8969-4.

AMSPEC, The American Inspection Co., Inc has recently purchased a Dosimeter Calibrator. This device will be stored at AMSPEC'S Texas branch office. This device will be used in the calibration of AMSPEC'S Personnel Dosimeters. Section XIV will be added to AMSPEC'S Radiation Safety Program Manual (RSPM), Calibration procedure, enclosed. Form 21 (Certificate of Calibration, Dosimeter) will be added to AMSPEC'S RSPM Section XII Forms, enclosed.

Dosimeter Calibrator Specifications:

Manufacture: Dosimeter Corporation of America
Radioisotope: Cesium-137
Model #: 3060
Activity: Less than 10 Microcuries
Serial #: 4380-RD

Condition No. 9

Authorized Use:

- J. For use in Industrial Nuclear Company Model IR-100 exposure devices for industrial radiography and in Industrial Nuclear Company Model IR-50 source changers for storage and replacement of sources.

Cont.....2

RECEIVED
OCT 15 1990
REGION III
OCT 15 1990

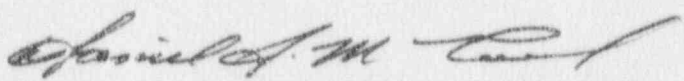
- K. For use in Industrial Nuclear Company Model IR-100 exposure devices for industrial radiography and in SPEC Model C-1 source changers for storage and replacement of sources.
- L. For use in Nuclear Associates Model 64-764 Instrument Calibrator for license instrument calibration.

Conditions 6, 7, and 8

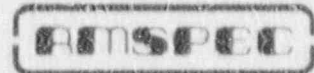
6. Byproduct, source and / or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license.
J. Iridium-192	J. Sealed source(s) (Industrial Nuclear Company Model 32 & 33)	30 single sources not to exceed 120 curies each.
K. Iridium-192	K. Sealed source(s) (SPEC Model G-40F, or G-40T)	30 single sources not to exceed 120 curies each.
L. Cesium-137	L. Sealed source(s) (Autochem Model CX-2-10 Type 2000)	5 single sources Not to exceed 100 millicuries each.

We appreciate your help in this matter. If additional information is needed, do not hesitate to contact the undersigned @ (708) 250-8522

Very truly yours,
AMSPEC, THE AMERICAN INSPECTION COMPANY, INC.



Daniel McCool
President / RSO



RADIATION SAFETY PROGRAM
CERTIFICATE OF CALIBRATION DOSIMETER

CLIENT AMSPEC DATE _____

DOSIMETER MANUFACTURE _____

MODEL NO. _____ SERIAL NO. _____

CALIBRATION DATE _____ DATE DUE _____

CALIBRATION SOURCE MODEL _____ SERIAL NO. _____

SOURCE USED Cs-137

DOSIMETER RANGE 0-200 MREM

RADIATION FIELD 100 MREM

DOSIMETER READING _____ MREM

PERCENT OFF + OR - _____ %

DRIFT TEST: DOSIMETER WAS CHARGED TO ZERO AND ALLOWED TO SET 24 HOURS. DRIFT WAS + OR - 2% OF SCALE.
GEOTROPISM CHECK: DOSIMETER WITHIN + OR - 10 % OF SCALE.
LIMITED DISCHARGE CHECK: DOSIMETER CHECKED WHEN REMOVING FROM CHARGER CONTACT AND WHEN REMOVING END CAP. WITHIN ALLOWABLE LIMITS.

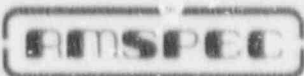
AMSPEC CERTIFIES THAT THE ABOVE DOSIMETERS ACCURACY WAS FOUND TO BE WITHIN THE ALLOWABLE LIMITS OF NRC TITLE 10, CFR AND TEXAS TRCR PART 31.

CALIBRATED BY: _____ TITLE: _____

RADIATION SAFETY PROGRAM

- XIV -

CALIBRATION OF
PERSONNEL DOSIMETERS



RADIATION SAFETY PROGRAM
XIV - CALIBRATION - PERSONNEL DOSIMETER PROCEDURE

1.0 OBJECTIVE

Provide a calibration program to ensure personnel dosimeters will produce reliable data.

2.0 APPLICATION

Amspec personnel dosimeters.

3.0 PROCEDURE

3.1 Personnel Dosimeters (Calibration/Maintenance by Amspec Personnel).

3.1.1 Each personnel dosimeter shall be calibrated at intervals not to exceed one year and after each instrument servicing. Records shall be maintained of the results of each instrument calibration and date thereof for two years after the date of calibration.

3.1.2 Preparation for use:

1. Remove the dosimeter calibration device from the storage vault.
2. Place the dosimeters in the dosimeter calibrator, and place in a secured area for the proper exposure time.
3. Upon completion of the calibration procedure, remove the calibrated dosimeters and return the calibration device to the storage vault.

3.1.3 Calibration Procedure, follow these steps:

- a. Limited Discharge Check.
 1. Charge the dosimeter.
- b. Geotropism Check:
 1. Recharge the dosimeter. Remove the instrument from the charger, and from the vertical position rotate the dosimeter 360 deg. This movement shall be within + or - 10% of scale. Instruments exceeding this tolerance will be removed from service.

RADIATION SAFETY PROGRAM
XIV - CALIBRATION OF PERSONNEL DOSIMETER PROCEDURE

c. Drift Test:

1. Recharge the dosimeter to zero and allow the instrument to sit for 24 hrs. After 24 hrs. view the dosimeter and note the change from the original recharged setting. The limit for movement is + or - 2% of scale. Instruments exceeding this tolerance will be removed from service.

d. Dosimeter Calibration:

1. Recharge the dosimeter to zero and place it in the dosimeter calibrator. Expose the instrument to 100 MREM.
2. Expose the dosimeter for the proper time to achieve 100 MREM. The inside ring (12 hrs), and outside ring (48 hrs) for most calibrators.

NOTE: USE INSIDE OR OUTSIDE,
BUT NOT BOTH FOR
DOSIMETER CALIBRATION!!

3. After the proper exposure, remove the instrument from the dosimeter calibrator. Record the actual reading on form #21 and calculate PERCENT OFF + or - % and record.
4. Acceptable dosimeters shall read within + or - 30% of the true radiation exposure. Instruments exceeding this tolerance will be removed from service.
5. Complete and date form #21 (Certificate of Calibration, Dosimeter).

3.1.4 Results of personnel dosimeter calibration shall be recorded and maintained on file.

RADIATION SAFETY PROGRAM
XIV - CALIBRATION OF PERSONNEL DOSIMETER PROCEDURE

3.2 Personnel Dosimeters (Calibrated by NRC, TRCR Approved Facility)

ie: NDS Products
111 Anderson
Pasadena, TX 77506
NRC License # TRCR - L00991
Mr. Noel Smith (713) 475-2986

3.2.1 The approved facility report shall contain the following:

- a. Certification of calibration identifiable to the model and serial number of the instrument.
- b. The date of certification.
- c. Signature and date of the person performing calibration.

3.3 Amspec will maintain operable and calibrated personnel dosimeters with a minimum range of 0 - 200 MREM.

3.4 Personnel dosimeters will be identified with a maintenance calibration label which states the recalibration date.

3.5 Recall of personnel dosimeters for recalibration is the responsibility of the Radiation Safety Officer (RSO). Implementation will be accomplished by the RSO/RPO, sending calibrated dosimeters with a current form #21 Certificate of Calibration, Dosimeter, to the Radiographer (s).

3.6 The RSO will maintain the following records of calibration.

3.6.1 Verification of the calibration facilities approval by the NRC/TRCR.

3.6.2 Verification of calibration for each personnel dosimeter currently in use.

ROUTING AND TRANSMITTAL SLIP

Date

9/17/90

TO: (Name, office symbol, room number, building, Agency/Post)

Initials Date

1.	Deerl		
2.			
3.			
4.			
5.			

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

I've attached a copy of AMSPEC's Amendment request for your review. In the event ~~the~~ AMSPEC is assigned to you, please let me know whether or not I can process their request.

Tks Kevin

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No — Bldg.

Phone No.

5041-102

GPO : 1987 O - 196-409

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206



June 20, 1990

U.S. Nuclear Regulatory Commission
Region III
Material Licensing Section
799 Roosevelt Rd.
Glen Ellyn, IL 60137

Attention: Mr. Mike McCann

RE: LICENSE NUMBER 12-24801-01

Dear Mr. McCann:

July 2nd

Log	
Remitter	
Check No.	405230
Amount	30 ⁰⁰
Fee Category	amb
Type of Fee	
Date Check Rec'd.	8/30
Date Completed	
By:	<i>g</i>

Please amend the following conditions for the reference license:

Condition No. 11

Licensed material shall be used by, or under the supervision and in the physical presence of Daniel J. McCool RSO, Paul A. Bauman, Sonja Albarado, Keith Maier, H.Randy Baque, Steve McCool, William Kelly, Rick Odegard, Bart Walline, J.D. Bowman, and Terry Takahashi, RPO's or individuals who have been trained as specified in application dated September 20, 1986 and letters dated December 1, and December 23, 1986. The licensee shall maintain records of individuals designated as users.

Condition No. 10

Licensed material may be stored at 4215 Cardinal Dr., Beaumont, and 710 Trainer, Trainer, PA and may be used at temporary job sites the licensee any where in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

Condition No. 9

Authorized Use: F, G, H, and I will read as below:

- F. For use in Spec Co-60 Model 1 exposure devices for industrial radiography.
- G. For use in Gamma Industries Model "Master Minder 1" or "Master Minder 2" for X-ray Crawler control.
- H. For use in Gamma Industries Model "Tattletale" for X-ray Crawler location.
- I. For use in Technical Operations Model 773 instrument calibrator for license instrument calibration.

RECEIVED JUN 26 1990 3:09

RECEIVED
JUN 26 1990
REGION III

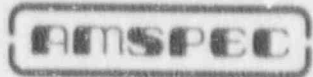
Postmarked 6/25/90

CONTROL NO. 89694

JUN 26 1990

The American Inspection Company, Inc., would like to amend the following conditions (6, 7, and 8), to include the listed threshold limits on encapsulated by product material sources.

6. Byproduct, source and/or special <u>nuclear material</u>	7. Chemical and/or <u>physical form</u>	8. Maximum amount that licensee may possess at any one time under <u>this license</u>
A. Iridium-192	A. Sealed source(s) (Spec. Model G-1, G-1F or G3F)	A. 60 single sources not to exceed 120 curies each
B. Iridium-192	B. Sealed source(s) (Technical Operations Model A-424-9; Spec Model T-5F and T-7F)	B. 20 Single sources not to exceed 120 curies each
C. Iridium-192	C. Sealed source(s) (Technical Operations Model A-424-1; Spec Model T-1F and T-2F)	C. 20 Single sources not to exceed 120 curies each
D. Cobalt-60	D. Sealed source(s) (Technical Operations Model A-424-14)	D. 10 Single sources not to exceed 50 curies each
E. Cobalt-60	E. Sealed source(s) (Technical Operations Model A-424-18)	E. 10 Single sources not to exceed 30 curies each
F. Cobalt-60	F. Sealed source(s) (Spec Model G-37 and G-37F)	F. 10 Single sources not to exceed 100 curies each
G. Cesium-137	G. Sealed source(s) Gamma Industries Model VD-HP)	G. 5 Single sources not to exceed 225 millicuries each
H. Cesium-137	H. Sealed source(s) (Gamma industries Model VD-HP)	H. 5 Single sources not to exceed 125 millicuries each
I. Cesium-137	I. Sealed source(s) (Technical Operations Model 77302)	I. 5 Single sources not to exceed 165 millicuries each



Page 3

If additional information is needed for these changes, do not hesitate to contact the undersigned @ 708-250-8522.

Very truly yours,
AMSPEC, THE AMERICAN INSPECTION COMPANY INC.

Daniel J. McCool
President / RSO

JUL 18 1990

American Inspection Company
ATTN: Daniel J McCool
President/RSO
P.O. Box 154
Itasca, IL 60143-0154

DISTRIBUTION:
Pending Fee File
OC/DAF R/F
LFDCB R/F (2)
DW/RIII/AMERICAN

Gentlemen:

This refers to your letter dated June 20, 1990, for an amendment to Materials License 12-24801-01

A amendment fee of \$230 is required as specified in \$170.31 fee Category (30) of 10 CFR 170, copy enclosed. Payment should be made to the U.S. Nuclear Regulatory Commission and mailed to the following address:

U.S. Nuclear Regulatory Commission
ATTN: Cheryl Phillips
License Fee and Debt Collection
Branch, OC/DAF
Mail Stop MNBB 4503
Washington, DC 20555

Your application will be processed by the Region III Licensing staff located at 799 Roosevelt Road, Glen Ellyn, Illinois 60137. The fee, however, is required prior to issuance of the amendment. When submitting the fee, please refer to CONTROL NUMBER 389694.

We direct your attention to the enclosed Federal Register notice dated May 23, 1990, regarding a revision to the Commission's fee regulations (10 CFR 170), which is effective July 2, 1990. Applications for licensing actions postmarked on or after the effective date will be subject to the revised fees.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application and will void this action.

Sincerely,
(Signed) Maurice Messier

Maurice Messier
License Fee and Debt Collection Branch
Division of Accounting and Finance
Office of the Controller

Enclosure:

1. 10 CFR 170
2. May 23, 1990, Federal Register notice

cc: Region III

OFFICE: OC/LFDCB
SURNAME: CPhillips:bg
DATE: 7/13/90

OC/LFDCB m
MMessier
7/17/90

OC/LFDCB d
GJackson
7/17/90