



Handwritten initials

**RESPONSE TO FREEDOM OF
INFORMATION ACT (FOIA) / PRIVACY
ACT (PA) REQUEST**

2000-0032

1

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Joe Bommarito

DATE

DEC 20 1999

PART I. -- INFORMATION RELEASED

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES **A** Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **B** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **B** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ **64.20** You will receive a refund for the amount listed. Fees waived.
- * See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

The fees for processing your request are as follows:

Search: \$36.93
 Review: 18.47
 Duplication: 8.80
TOTAL: \$64.20

In addition to the items noted above, also enclosed are copies of the following previous FOIA requests regarding Research Chemicals Inc., Nuclear Corporation of America, and Nucor: FOIA 97-74, 98-16, 98-19, 98-152, 98-196, and 98-354. All released information was placed in the NRC Public Document Room (PDR). We have enclosed a notice which provides procedures for obtaining information from the NRC PDR.

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Carol Ann Reed

APPENDIX A
RECORDS ALREADY AVAILABLE IN THE PDR

<u>NO</u>	<u>DATE</u>	<u>ACCESSION NUMBER</u>	<u>DESCRIPTION/PAGE COUNT</u>
1.	01/09/89	8901200310	Inspection Report 30-14773/88-02 of 8/12/88 Inspection (5 pages)
2.	03/23/90	9007190230	Licensing package for License 24-26105-01 for Rhone Poulenc, Inc. (106 pages)
3.	12/01/94	9501190356	Licensing package for Amendment 29 to License 37-08802-01 for Rhone Poulenc Rorer, Inc. (9 pages)
4.	01/12/95	9501270236	Application for amendment to License SUA-1358 to receive and possess uranium from Rhone Poulenc (2 pages)
5.	07/21/95	9507310097	Request for additional information on proposed amendment to process uranyl nitrate solutions from Rhone Poulenc (3 pages)
6.	12/02/96	9612110071	Comments on DSI=G2 re: NRC strategic assessment & rebaselining (11 pages)
7.	02/05/97	9702070167	Notice of violation from telephone contacts conducted on 1/20 & 24/97 on Rhone Poulenc (1 page)
8.	06/25/98	9807020308	Trip report of 6/8/98 visit to Palais des Congres, Lyon, France (36 pages)
9.	01/11/99	9901220309	Trip report of 11/30-12/4/98 to Boston, MA for symposium on scientific basis for nuclear waste management (65 pages)

**APPENDIX B
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)**

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
<u>LICENSE NO. 04-00580-03</u>		
1.	Undated	Expert System License Evaluation Report for License No. 04-00580-03, 4 pages.
<u>LICENSE NO. 04-00580-05</u>		
2.	Undated	Expert System License Evaluation Report for License No. 04-00580-05, Subject: Isotopes Specialties Company, Inc., 1 page.
3.	07/10/57	U.S. Atomic Energy Commission, Byproduct Material License No. 4-580-7, 2 pages.
4.	10/2/57	U.S. Atomic Energy Commission, Byproduct Material License Supplementary Sheet, Subject: Amendment No. 1, 1 page.
5.	10/18/57	U.S. Atomic Energy Commission, Byproduct Material License Supplementary Sheet, Subject: Amendment No. 2, 1 page.
6.	12/03/57	U.S. Atomic Energy Commission, Byproduct Material License Supplementary Sheet, Subject: Amendment No. 3, 2 pages.
7.	12/31/57	Letter to Atomic Energy Commission, Isotopes Extension, Division of Civilian Application, Oak Ridge National Laboratory from Helen Blauert, Subject: License No. 4-580-5, 1 page.
8.	09/21/58	Letter to Mr. Ginz, Atomic Energy Commission from Allen M. Goldstein, President, Subject: LSSS Cameras, 2 pages.
9.	10/21/58	Letter to Dr. Allen M. Goldstein, President, Isotopes Specialties Company from William L. Miller, Senior Licensing Reviewer, Division of Licensing and Regulation, Subject: Series LSS3 Radiography Cameras, 3 pages.

APPENDIX B (con't)
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
<u>LICENSE NO. 04-00580-07</u>		
10.	Undated	Expert System License Evaluation Report for License No. 04-00580-07, 4 pages.
<u>LICENSE NO. C-03544</u>		
11.	Undated	Expert System Evaluation Report for License No. C-03544, 1 page.
12.	04/22/57	Letter to Atomic Energy Commission, Attn: Lyall Johnson from Philip Gill, Subject: License Request for Isotopes Specialties Company with attachment, 5 pages.
13.	04/30/57	Letter to Isotopes Specialties Co., Inc., Attn: Philip Gill, Subject: License Amendment No. 1, 1 page.
14.	01/22/58	Letter to Atomic Energy Commission, Attn: Lyall Johnson from Phil Gill, Subject: Source Material License No. C-3544, Amend. 1, Exp. Date 8/1/57, 1 page.
15.	01/28/58	Letter to Isotopes Specialties Co., Inc. Attn: Philip Gill from J. C. Delaney, Subject: Licensed to receive source material, 1 page.
16.	09/58	Memo to W. B. McCool thru Paul F. Foster from Eber Price, Subject: Information Paper Transmitting Letter from Director, Department of Fish and Game, State of California, 1 page.
17.	09/08/58	Memo to Files from Robert F. Barker, Subject: Visit to Isotope Specialties, Burbank, California, June 18, 1958, 2 pages.
18.	03/11/60	Letter to Nuclear Corporation of America Attn: A. A. Michaud from James R. Mason, Subject: Byproduct Material Licenses, 1 page.
19.	03/11/60	Letter to Mr. J. R. Mason, Chief from A. A. Michaud, Subject: Byproduct Materials License, 2 pages.

20. 04/08/60 Letter to Nuclear Corporation of America from James R. Mason, Subject: Licensed Material Program, 1 page.
21. 11/04/60 Letter to Mr. J. C. Delaney from Kenneth W. Newman, PhD, Subject: Source Material License Renewal, 1 page.
22. 11/10/60 Letter to Nuclear Corporation of America from J. J. Lane, Subject: Source Material License, 1 page.
23. 01/19/61 Routing Slip to J. C. Delaney from W. S. Cool, Subject: Isotopes Specialties Company, 3 pages.
24. 01/30/61 Letter to Nuclear Corporation of America, Inc., from James R. Mason, Subject: Sale of Isotopes Specialties Company, 2 pages.

LOEB & LOEB LLP

A LIMITED LIABILITY PARTNERSHIP
INCLUDING PROFESSIONAL CORPORATIONS

ATTORNEYS AT LAW
1000 WILSHIRE BOULEVARD
SUITE 1800
LOS ANGELES, CA 90017-2475

TELEPHONE: 213-688-3400
FACSIMILE: 213-688-3460

FOIA/PA REQUEST

Case No:
Date Rec'd:
Action Off:
Related Case:

97-0074
2-27-97
Brown

CENTURY CITY
10100 SANTA MONICA
BOULEVARD
SUITE 2200
LOS ANGELES, CA
90067-4164
TEL: 310-282-2000
FAX: 310-282-2192

Direct Dial No.
213.688.3490
e-mail: MSD@loeb.com

February 21, 1997

NEW YORK
345 PARK AVENUE
NEW YORK, NY
10154-0037
TEL: 212-407-4000
FAX: 212-407-4990

Russell Powell
Freedom of Information Act Officer
Local Public Document Room Branch
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Research Chemicals, Inc.

NASHVILLE
45 MUSIC SQUARE WEST
NASHVILLE, TN
37203-3205
TEL: 615-749-8300
FAX: 615-749-8308

Dear Mr. Powell,

Thank you for your assistance in providing the Nuclear Regulatory Commission's records pertaining to Isotopes Specialties Company's operations at 170 West Providencia Street in Burbank, California (FOIA request number 96-448). Payment for your services has been processed, and sent to your attention.

WASHINGTON, D.C.
2100 M STREET, N.W.
SUITE 601
WASHINGTON, D.C.
20037-1207
TEL: 202-223-5700
FAX: 202-223-5704

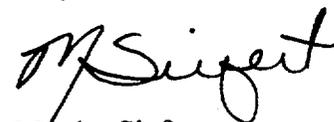
In reviewing the records, it appears a company called Research Chemicals, Inc. shared the property at 170 W. Providencia Street with Isotopes Specialties for some time. Included with the records of Isotope Specialties is reference to license number C-4013 issued to Research Chemicals, Inc. for the processing and storage of 5,000 pounds of thorium-source material.

ROME
PIAZZA DIGIONE, 1
00197-ROME
ITALY
TEL: 011-396-808-8456
FAX: 011-396-674-8223

Pursuant to the provisions of the Freedom of Information Act, 5 U.S.C. §552, Joseph Thomson, the current owner of the property located at 170 W. Providencia Street hereby requests any and all records pertaining to Research Chemicals, Inc. You are authorized for any fees up to two hundred dollars.

I look forward to hearing from you soon.

Very truly yours,



Martha Siefert
Legal Intern
LOEB & LOEB LLP

SIMC0212.L01

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) REQUEST

REQUESTER

Martha Siefert

PART I.—AGENCY RECORDS RELEASED OR NOT LOCATED (See checked boxes)

No agency records subject to the request have been located.

No additional agency records subject to the request have been located.

Requested records are available through another public distribution program. See Comments section.

Agency records subject to the request that are identified in Appendix(es) _____ are already available for public inspection and copying at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC.

Agency records subject to the request that are identified in Appendix(es) A are being made available for public inspection and copying at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number.

The nonproprietary version of the proposal(s) that you agreed to accept in a telephone conversation with a member of my staff is now being made available for public inspection and copying at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number.

Agency records subject to the request that are identified in Appendix(es) _____ may be inspected and copied at the NRC Local Public Document Room identified in the Comments section.

Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC.

Agency records subject to the request are enclosed. Appendix A records are enclosed.

Records subject to the request have been referred to another Federal agency(ies) for review and direct response to you.

Fees

You will be billed by the NRC for fees totaling \$28.35 [30 minutes search (\$7.90), 30 minutes review (\$16.65), 19 pgs duplication (\$3.80).

You will receive a refund from the NRC in the amount of \$ _____.

In view of NRC's response to this request, no further action is being taken on appeal letter dated _____, No. _____.

PART II. A—INFORMATION WITHHELD FROM PUBLIC DISCLOSURE

Certain information in the requested records is being withheld from public disclosure pursuant to the exemptions described in and for the reasons stated in Part II, B, C, and D. Any released portions of the documents for which only part of the record is being withheld are being made available for public inspection and copying in the NRC Public Document Room, 2120 L Street, N.W., Washington, DC in a folder under this FOIA number.

COMMENTS

SIGNATURE, DIRECTOR, DIVISION OF FREEDOM OF INFORMATION AND PUBLICATIONS SERVICES



APPENDIX A
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	8/29/61	Ltr. to F.E. Nathanson, RCI from E.R. Price, AEC re: notification of correcting deficiencies in AEC licensed program (1 page)
2.	5/26/61	F.E. Nathanson, RCI to E.R. Price, AEC re: request for verification of exemption for a license for handling source material (1 page)
3.	5/18/61	E.R. Price, AEC to E.V. Kleber, RCI re: 12/6/60 inspection indicating activities were not in full compliance with requirements (2 pages)
4.	12/27/60	R.W. Smith, AEC to H.L. Price, AEC re: RCI inspection report and recommendation that licensee be cited (4 pages)
5.	12/8/60	E.V. Kleber, RCI to W.J. Cooley, AEC re: thorium content agrees with previous estimates (1 page)
6.	11/23/60	J.C. Delaney, AEC to E.V. Kleber, RCI re: ltr of 11/14/60 requesting renewal of license (1 Page)
7.	11/14/60	E.V. Kleber, RCI to J.C. Delaney, AEC re: renewal of license for 5,000 pounds of thorium source material (1 page)
8.	11/18/59	L. Johnson, AEC to E.V. Kleber, RCI re: inspection conducted on 10/16/59 noted storage drums were unlabeled as required (4 pages)
9.	11/18/59	L. Johnson, AEC to E.V. Kleber, RCI re: inspection conducted on 10/16/59 noted storage drums were unlabeled as required (1 page)
10.	03/11/58	J.C. Delaney, AEC to W.V. Kleber, RCI re: granting of licensing to receive possession of 5,000 pounds of thorium source material (1 page)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
11.	2/27/58	E.V. Kleber, RCI to AEC re: information requested by form AEC-2 to receive up to 1,000 pounds of thorium-source material (1 page)
12.	undated	M.Baur, AEC note: requesting duplicate copy of license be sent to Nuclear Corp. of America (1 page)

LOEB & LOEB LLP

A LIMITED LIABILITY PARTNERSHIP
INCLUDING PROFESSIONAL CORPORATIONS

ATTORNEYS AT LAW
1000 WILSHIRE BOULEVARD
SUITE 1800
LOS ANGELES, CA 90017-2475

TELEPHONE: 213-688-3400
FACSIMILE: 213-688-3460

FOIA/PA REQUEST

Case No: 98-016
Date Rec'd: 1-15-98
Action Off: Brown
Related Case: _____

CENTURY CITY
10100 SANTA MONICA
BOULEVARD
SUITE 2200
LOS ANGELES, CA
90067-4164
TEL: 310-282-2000
FAX: 310-282-2192

Direct Dial No.
213.688.3490
e-mail: msharp@loeb.com

January 14, 1998

Via Telecopier

NEW YORK
345 PARK AVENUE
NEW YORK, NY
10154-0037
TEL: 212-407-4000
FAX: 212-407-4990

Mr. Russell A. Powell
Freedom of Information Act Officer
United States Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Re: FOIA Request: U.S. Nuclear Corporation,
Nuclear Corporation of America

NASHVILLE
45 MUSIC SQUARE WEST
NASHVILLE, TN
37203-3205
TEL: 615-749-8300
FAX: 615-749-8308

Dear Mr. Powell:

WASHINGTON, D.C.
2100 M STREET, N.W.
SUITE 601
WASHINGTON, D.C.
20037-1207
TEL: 202-223-5700
FAX: 202-223-5704

This letter is on behalf of Mr. Joseph Thomson, the current owner of property located at 170 West Providencia Street in Burbank, California. Pursuant to the provisions of the Freedom of Information Act, 5 U.S.C. § 552, Mr. Thomson hereby requests access to all records in conjunction with the following: (1) U.S. Nuclear Corporation, 170 West Providencia, Burbank, California; (2) U.S. Nuclear Corporation, 801 North Lake Street, Burbank, California; and (3) Nuclear Corporation of America, 170 West Providencia Street, Burbank, California.

If there are any fees for searching for or copying records, this letter authorizes the Nuclear Regulatory Commission to incur fees up to \$200.00. If any or all of this request is denied, please cite the specific exemption(s) which justify your refusal to release this information.

I look forward to your response and the receipt of the records within ten days, as the Freedom of Information Act mandates.

Very truly yours,



Martha Sharp
for Loeb & Loeb LLP

ROME
PIAZZA DIGIONE, 1
00197-ROME
ITALY
TEL: 011-396-808-8456
FAX: 011-396-674-8223

SIM30232.L02

FOIA - 98-016

RESPONSE TYPE

FINAL PARTIAL

DATE FEB 06 1998

DOCKET NUMBER(S) (If applicable)



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) REQUEST

REQUESTER
Martha Sharp

PART I.—AGENCY RECORDS RELEASED OR NOT LOCATED (See checked boxes)

- No agency records subject to the request have been located.
- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- Agency records subject to the request that are identified in Appendix(es) _____ are already available for public inspection and copying at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC.
- Agency records subject to the request that are identified in Appendix(es) A are being made available for public inspection and copying at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number.
- The nonproprietary version of the proposal(s) that you agreed to accept in a telephone conversation with a member of my staff is now being made available for public inspection and copying at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC, in a folder under this FOIA number.
- Agency records subject to the request that are identified in Appendix(es) _____ may be inspected and copied at the NRC Local Public Document Room identified in the Comments section.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, N.W., Washington, DC.
- Agency records subject to the request are enclosed. Appendix A records are enclosed.
- Records subject to the request have been referred to another Federal agency(ies) for review and direct response to you.
- Fees
 - You will be billed by the NRC for fees totaling \$ 54.71 [search = \$17.84, review = 35.67, duplication = 1.20]
 - You will receive a refund from the NRC in the amount of \$ _____.
- In view of NRC's response to this request, no further action is being taken on appeal letter dated _____, No. _____

PART II. A.—INFORMATION WITHHELD FROM PUBLIC DISCLOSURE

Certain information in the requested records is being withheld from public disclosure pursuant to the exemptions described in and for the reasons stated in Part II, B, C, and D. Any released portions of the documents for which only part of the record is being withheld are being made available for public inspection and copying in the NRC Public Document Room, 2120 L Street, N.W., Washington, DC in a folder under this FOIA number.

COMMENTS

The enclosed records are subject to your request as clarified in your conversations with Natalie Brown of my staff.

SIGNATURE, DIRECTOR, DIVISION OF FREEDOM OF INFORMATION AND PUBLICATIONS SERVICES

APPENDIX A
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	12/1/60	Letter from H. L. Price to Alexander Grendon, with attached 12/1/60 letter from H. Price to Alfred Moses enclosing Amendment #3. (3 pages)
2.	12/7/61	Letter from L. Johnson to John S. Rydz, enclosing draft letter. (2 pages)
3.	8/13/97	Letter to Isotope Specialities File: Subject, Isotopes Specialities, Burbank and Glendale, California Site Information. (1 page)

PROSKAUER ROSE LLP

2049 Century Park East
Suite 3200
Los Angeles, CA 90067-3206
Telephone 310.557.2900
Fax 310.557.2193

NEW YORK
WASHINGTON DC
BOCA RATON
CLIFTON NJ
PARIS

Christine Yoon Friedman
Attorney at Law

Direct Dial 310.284.5652
cfriedman@proskauer.com

January 14, 1998

FOIA/PA REQUEST
Case No: 98-019
Date Rec'd: 1-16-98
Action Off: Pool
Related Cases: _____

VIA FACSIMILE AND U.S. MAIL

Russell Powell
United States Nuclear Regulatory Commission
Mail Stop T6D8
Washington, D.C. 20555

Re: FOIA Request

Dear Mr. Powell :

This letter is on behalf of ICN Pharmaceuticals, Inc.. Pursuant to the Freedom of Information Act, 5 U.S.C. 552, ICN requests access to the following information:

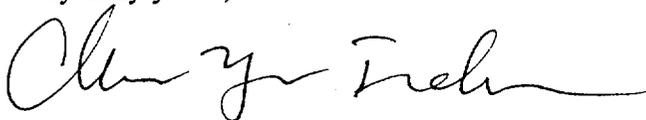
1. Records concerning any and all licenses issued by the Nuclear Regulatory Commission to Engelhardt Industries for activities conducted by Engelhardt Industries in California. This request includes, but is not limited to, applications for licenses, licenses, amendments to licenses, correspondence regarding licenses, and reports regarding investigations of activities carried out under issued licenses.
2. Records concerning any and all licenses issued by the Nuclear Regulatory Commission to Nuclear Corporation of America (or NUCOR) for activities conducted by Nuclear Corporation of America in California. This request includes, but is not limited to, applications for licenses, licenses, amendments to licenses, correspondence regarding licenses, and reports regarding investigations of activities carried out under issued licenses.

PROSKAUER ROSE LLP

Russell Powell
January 14, 1998
Page 2

We would appreciate your prompt attention to this request. We will, of course, pay all necessary copying charges. If you need any additional information, please feel free to contact me.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Christine Yoon Friedman".

Christine Yoon Friedman

cc: Lois D. Thompson, Esq.
Gregory J. Patterson, Esq.



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Christine Friedman

DATE

MAY 20 1998

PART I. -- INFORMATION RELEASED (See checked boxes)

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **A** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
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- We are continuing to process your request.
- This completes NRC's action on your request.

PART I.A -- FEES

- Fees
- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ You will receive a refund for the amount listed. Fees waived.
- * See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

APPENDIX A
RECORDS BEING RELEASED IN THEIR ENTIRETY

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	02/26/53	Isotopes Specialties Co., Glendale, CA to JRMason, Isotopes Div., US AEC, Oak Ridge, TN re: Application #17747. (3 pgs)
2.	04/21/53	Office Memorandum, US Government to AFSB Files fr JWHitch re: Visit to the Isotopes Specialties Co., 3816 San Fernando Rd. Glendale, CA on 3/24/53, Authorization # 16171, 15759. (2 pgs)
3.	12/11/53	AMGoldstein, Tech. Dir., Isotope Specialties Co., Glendale, CA to OMBizzell, Asst. Chief, Isotopes Div., US AEC, Oak Ridge, TN re: conversation on 12/9 re compliance with recommendations set forth in AEC ltr dtd 12/8. (4 pgs)
4.	12/15/53	Office Memorandum, US Government to Isotopes Div. Files fr OMBizzell re: Visit to Isotope Specialties Co., 3816 San Fernando Rd. , Glendale, CA on 12/7/53. (9 pgs)
5.	12/16/53	Office Memorandum, US Government fr OMBizzell to Isotope Div. Files re: Revisit to Isotopes Specialties Co., Glendale CA, 12/9/53 to Make More Detailed Inspection of the Extent of Radiation Hazards. (10 pgs)
6.	12/18/53	AMGoldstein, Tech. Dir., Isotopes Specialties Co., Glendale, CA to OMBizzell, Isotopes Div., US AEC, Oak Ridge, TN re: laboratory survey by Los Angeles Health Dept. (1 pg)
7.	12/22/53	OMBizzell, Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co., Glendale, CA re: ltrs of 11/11 and 12/18 re construction of room. (1 pg)
8.	12/23/53	OMBizzell, Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co., Glendale, CA re: Confirmation of Recent Visit. Encl: Copy of Radiological Safety Report. (8 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
9.	12/29/53	GMUhl M.D., City of Los Angeles Health Dept. to OMBizzell, Isotopes Div., US AEC, Oak Ridge, TN re: survey of Isotopes Specialties Co., 3816 San Fernando Rd. (3 pgs)
10.	01/06/54	AMGoldstein, Tech. Dir., Isotopes Specialties Co., Glendale, CA to PCAebersold&OMBizzell, Isotopes Div., US AEC, Oak Ridge, TN re: receipt of AEC report and instructions dtd 12/23/53 and steps undertaken towards compliance. (6 pgs)
11.	01/11/54	OMBizzell, Isotopes div., US AEC to JCRogers, Los Angeles City Health Dept, Los Angeles, CA re: Report on Radiation Survey at Isotopes Specialties Co. (2 pgs)
12.	01/23/54	US AEC Radiosotope Credit Request (Form AEC-353) fr AM Goldstein, Tech. Dir, Isotopes Specialties Co. (1 pg)
13.	01/25/54	Jan. 25, 1954 Phone Call to P.C.A re: Isotopes Specialties letter to AEC re intentions to comply. (1 pg)
14.	01/27/54	CECrompton, Asst. Dir., Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co. Glendale, CA re: Radiological Safety Instructions. (2 pgs)
15.	02/24/54	GWMorgan, Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co., Glendale, CA re: Proposed Visit, (2 pgs)
16.	02/26/54	AMGoldstein, Tech. Dir., Isotopes Specialties Co., Glendale, CA to GWMorgan, Isotopes Div., US AEC re: receipt of 2/24/54 re Proposed Visit. (1 pg)
17.	02/27/54	OMBizzell, AEC to AM Goldstein, Isotopes Specialties Co. re: Report on Compliance with Radiological Safety Instructions (draft). (5 pgs)
18.	03/15/54	CECrompton, Asst. Dir., Isotopes Div., US AEC, Oak Ridge, TN to AMGoldstein, Isotopes Specialties Co., Glendale, CA re: radioactive pharmaceuticals. (5 pgs)

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19.	03/18/54	US AEC Radioisotope Credit Request (Form AEC-353) fr AM Goldstein, Tech. Dir., Isotopes Specialties Co. (1 pg)
20.	04/07/54	AMGoldstein, Tech. Dir., Isotopes Specialties Co., Glendale, CA to US AEC, Isotopes, Div. re: some inquiries concerning labeled compounds from outside North America. (1 pg)
21.	04/22/54	SPCobb, Jr. Isotopes Div., US AEC to AM Goldstein, Isotopes Specialties Co., Glendale, CA re: receipt of ltr of 4/7/54 requesting information concerning export of radioisotopes. (1 pg)
22.	05/18/54	GWMorgan, Isotopes Div., US AEC to Isotopes Specialties Co., Glendale, CA re: Intercomparison Standards of Film Badge Readings. (2 pgs)
23.	05/26/54	US AEC Radioisotope Credit Request (Form AEC-353) fr AM Goldstein, Tech. Dir., Isotopes Specialties Co. (1 pg)
24.	06/02/54	GWMorgan, Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co., Glendale, CA re: Facilities for Safe Handling of Radioisotopes. (2 pgs)
25.	06/07/54	Office Memorandum, US Government from JWHitch to RSB Files re: Visit to Isotopes Specialties Co., Glendale, CA, May 17, 1954. (6 pgs)
26.	06/07/54	US AEC Radiological Safety Report and Instruction to AMGoldstein, Isotopes Specialties Co., Glendale, CA. (2 pgs)
27.	06/15/54	AMGoldstein, Isotopes Specialties Co., Glendale, CA to PAebersold, Isotopes Div., US AEC re: visit to Oak Ridge on 7/15 and 7/16. (1 pg)
28.	06/22/54	JWHitch, Isotopes Div, AEC, to AGoldstein, Isotopes Specialties Co., Glendale, CA re: Recent Visit. (3 pgs)
29.	06/29/54	CECompton, Isotopes Div., AEC to AMGoldstein, Isotopes Specialties Co., Glendale CA re: Visit to Oak Ridge; acknowledges 6/15 ltr. (1 pg)

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30.	08/11/54	US AEC Radioisotope Credit Request (Form AEC-353) fr AM Goldstein, Tech. Dir. Isotopes Specialties Co. (1 pg)
31.	08/11/54	JRMason, Allocations Br., Isotopes Div., US AEC to ABGoldstein, Isotopes Specialties Co., Glendale, CA re: Radioisotope Credit Request. (2 pgs)
32.	08/16/54	AMGoldstein, Tech. Dir., Isotopes Specialties Co., Glendale, CA to JRMason, Allocations Br. US AEC, Oak Ridge, TN re: Change of Authorization to include user course. (1 pg)
33.	08/19/54	LRWatson, Div. Mgr., Columbia University in the City of New York, to US AEC, Oak Ridge, TN re: credit received fr Isotopes Specialties Co. (1 pg)
34.	08/30/54	TRThomas, Radioactive Products, Inc. to Isotopes Div., US AEC, Oak Ridge, TN re: Application for authorization of use of 200 curie cobalt source for logging oil wells. (2 pgs)
35.	09/10/54	Stable Isotope Request (Form AEC-100) fr AMGoldstein, Isotopes Specialties Co. (1 pg)
36.	09/13/54	JRMason, Allocations Br., US AEC re: Book Message authorizing Isotope Specialties Co. use of isotopes in training class. (1 pg)
37.	09/13/54	Teletype to JMason, US AEC fr Institute of Aeronautical Sciences re Isotope Specialty Co. (1 pg)
38.	09/13/54	Teletype fr JMason, US AEC to AGoldstein, Isotopes Specialties Co. re: use of isotopes by Isotope Specialties Co. for training class. (1 pg)
39.	09/23/54	AMGoldstein, Tech. Dir., Isotopes Specialties Co., Glendale, CA to JRMason, Isotopes Div., US AEC re: persons who completed course on "Uses of Radioactive Isotopes in Industry." (2 pgs)
40.	10/05/54	Stable Isotope Request (Form AEC-100) fr Isotopes Specialties Co., Glendale, CA. (1 pg)

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41.	10/25/54	JEMachurek, Isotopes Br., US AEC to AMoldstein, Isotopes Specialties Co. Glendale, CA re: Uses of Radioactive Isotopes in Industry. (1 pg)
42.	11/54	Isotopes Specialties Co., Glendale, CA Report of Radioisotopes Shipped During the Month of November 1954. (1 pg)
43.	11/04/54	EEFowler, Isotopes Div., US AEC to ABGoldstein, Isotopes Specialties Co., Glendale, CA re: receipt of credit request dtd 10/21/54. (1 pg)
44.	11/08/54	AMGoldstein, Isotopes Specialties Co. to EEFowler, Isotopes Div., US AEC re: data requested by AEC. (1 pg)
45.	10/21/54	US AEC Radioisotope Credit Request (Form AEC-353) fr Isotopes Specialties Co. (1 pg)
46.	11/19/54	US AEC Radioisotope Credit Request fr Isotopes Specialties Co., Glendale, CA to Dir., Isotopes Div., US AEC. (1 pg)
47.	11/20/54	Teletype fr JRMason, US AEC to AGoldstein, Isotope Specialties Co. re: two day field test. (1 pg)
48.	11/29/54	EEFowler, Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co. re: Radioisotope Requests Nos. G 39 and C 40. (1 pg)
49.	12/54	Report of Radioisotopes Shipped During the Month of December 1954. (1 pg)
50.	12/22/54	FORM AEC 100 fr Isotopes Specialties Co. to AEC Div. of Isotopes. (1 pg)
51.	12/29/54	AMGoldstein, Isotopes Specialties Co. to EEFowler, Isotopes Div., US AEC submitting AEC Form 353 requesting reimbursement for rebate. (1 pg)
52.	01/55	Report of Isotopes Shipped During the Month of January 1955 fr Isotopes Specialties Co., Glendale, CA. (1 pg)

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53.	01/14/55	PCAebersold, Isotopes Div., US AEC to Isotopes Specialties Co., Glendale, CA re: Availability of Exempt Quantity Short Half-Life Radioisotopes. (1 pg)
54.	01/24/55	Form AEC 353 US AEC Radioisotope Credit Request fr Radioisotopes Specialties Co. to Isotopes Div., US AEC, Oak Ridge, TN. (1 pg)
55.	02/55	Report of Radioisotopes shipped During the Month of February 1995. (1 pg)
56.	02/11/55	AMGoldstein, Isotopes Specialties Co., Glendale, CA to US AEC, Oak Ridge, TN re: Mr. WTBoyer recommended as capable of radioisotope handling. (1 pg)
57.	03/03/55	JWMaddox, Isotopes Div., US AEC to AM Goldstein, Isotopes Specialties Co., Glendale, AC re: Training Received by WTBoyer. (1 pg)
58.	03/28/55	Form AEC-353 US AEC Radioisotope Credit Request to AEC. (1 pg)
59.	03/28/55	Form AEC-353 US AEC Radioisotopes Credit Request fr Isotopes Specialties Co. (1 pg)
60.	04/21/55	AM Goldstein, Isotopes Specialties Co. to Director, Isotopes Div. US AEC re: publication of a supplementary Eight-year Summary to previous Summaries of U.S. Distribution of Radioisotopes. (1 pg)
61.	04/22/55	GWMorgan, Isotopes Br., US AEC to Isotopes Specialties Co. Re: Intercomparison Studies. (1 pg)
62.	04/26/55	AMGoldstein, Isotopes Specialties Co., Glendale, CA to AEC re: move to 703 S. Main St., Burbank, CA. (1 pg)
63.	04/29/55	OMBizzell, Isotopes Div., US AEC to AMGoldstein, Isotopes Specialties Co., Glendale, CA re:Eight Year Isotopes Summary. (1 pg)

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64.	05/12/55	JEMachurek, Isotopes Div., US AEC to AGoldstein, Isotopes Specialties Co., Burbank, CA re: Disposal Service. (2 pgs)
65.	05/19/55	GWMorgan, Isotopes Div., US AEC to Isotopes Specialties Co., Glendale, CA re: Intercomparison Studies. (1 pg)
66.	05/26/55	AMGoldstein, Isotopes Specialties Co., Burbank, CA. to GWMorgan, Isotopes Div., US AEC, Oak Ridge, TN re: Inter-comparison of Film Badge Interpretations. (1 pg)
67.	06/20/55	BGDunavant, Isotopes Div., US AEC to Isotopes Specialties Co., Glendale, CA re: Radioisotope Labeled Compounds. (1 pg)
68.	07/12/55	Form AEC-353 US AEC Radioisotope Credit Request to AEC fr Isotopes Specialties Co. (1 pg)
69.	08/22/55	Form AEC-100 Stable Isotope Request fr Isotopes Specialties Co. (1 pg)
70.	08/22/55	Form AEC-100 Stable Isotope Request fr Isotopes Specialties Co. (1 pg)
71.	09/09/55	LRRogers, Isotopes Div., US AEC to AM Goldstein, Isotopes Specialties Co., Burbank, CA re: Proposed Visit. (1 pg)
72.	09/13/55	AMGoldstein, Isotopes Specialties Co. to AEC, Oak Ridge, TN re: Proposed Visit. (1 pg)
73.	09/13/55	AMGoldstein, Isotopes Specialties Co., Burbank, CA to US AEC, Oak Ridge, TN re: "Use of Isotopes" Course. (2 pgs)
74.	10/06/55	EEFowler, Isotopes Div., US AEC to AGoldstein, Isotopes Specialties Co., Burbank, CA re Radioisotope Credit Request No. C-83. (1 pg)
75.	10/12/55	AMGoldstein, Isotopes Specialties Co., Burbank, CA to EEFowler, Isotopes Div., US AEC re: Radioisotope Credit Request No. C-83. (1 pg)

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76.	10/13/55	LRRogers, Isotopes Div., US AEC to AGoldstein, Isotopes Specialties Co., Burbank, CA re: visit on 9/27/55 and recommendations made to reaffirm radiological protection aspects. (3 pgs)
77.	10/18/55	US Government Office Memorandum to RSB Files fr LRRogers and TWBrockett re Visit to Isotopes Specialties Co., 703 S. Main St., Burbank, CA on Sept. 27, 1955. (6 pgs)
78.	11/01/55	Form AEC-353 US AEC Radioisotope Credit Request to Dir, Isotopes Div., US AEC, Oak Ridge, TN re: Isotopes Specialties Co. (2 pgs)
79.	11/01/55	EEFowler, Isotopes Div., US AEC to AGoldsein, Isotopes Specialties Co, Burbank, CA re Radioisotope Credit Request No. C-83. (1 pg)
80.	11/04/55	AMGoldstein, Isotopes Specialties Co., Burbank, AC to AEC, Oak Ridge, TN re: course on Industrial Use of Isotopes given to people listed. (2 pgs)
81.	12/01/55	AMGoldstein, Isotopes Specialties Co., Burbank, CA to US AEC, Oak Ridge, TN re: AEC ltr of 10/13 re accounting system for sources. (1 pg)
82.	12/02/55	BGDunavant, Isotopes Div, US AEC to AMGoldstein, Isotopes Specialties Co., Burbank, CA re: 5-day course on industrial use of radioisotopes. (1 pg)
83.	12/13/55	EEFowler, Isotopes Div., US AEC, to AM Goldstein, Isotopes Specialties Co., Burbank, CA re: Modification of Manufacturer's Leak Testing Requirement. (1 pg)
84.	01/17/56	AMGoldstein, Isotopes Specialties Co. to US AEC re: "Use of Isotopes" course/ltr Nov. 4. (1 pg)
85.	02/29/56	PGAbersold, Isotopes Extension Div. of Civilian Application, US AEC, Oak Ridge, TN to AM Goldstein, Isotopes Specialties Co., Burbank, CA re: Radiological Protection for Sealed Sources. (1 pg)

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86.	03/05/56	Memo to AEC files re: call fr AGoldstein, Isotopes Specialties Co. re: antimony sources being procured for Aerophysics. (1 pg)
87.	03/07/56	LRRogers, Isotopes Extension Div. of Civilian Application, US AEC to AMGoldstein, Isotope Specialties Co., Burbank, CA re: Labeling of Radiographic Sources. (2 pgs)
88.	03/27/56	LERogers, Isotopes Extension Div. of Civilian Application, US AEC re: Portable Radiography Devices. (1 pg)
89.	04/12/56	AMGoldstein, Isotopes Specialties Co., Burbank, CA to Isotopes Div., US AEC, Oak Ridge, TN re: "Use of Isotopes" course. (2 pgs)
90.	04/17/56	LRRogers, Isotopes Extension Div. of Civilian Application, US AEC to AMGoldstein, Isotopes Specialties Co., Burbank, CA re: ltr of April 12, 1956 concerning completion of training course by members of Aerojet-General Corp. (1 pg)
91.	05/03/56	LRRogers, Isotopes Extension Div. of Civilian Application, US AEC to AMGoldstein, Isotopes Specialties Co., Burbank, CA re: ltr of March 28 confirming labeling of radiographic sources. (1 pg)
92.	05/04/56	Evaluation and Recommendations for Isotopes Specialties Co., Burbank, CA by RSB Representative GABlanc, AEC. (1 pg)
93.	05/08/56	US AEC Byproduct Material License, No. 4-580-2, Licensee: Isotopes Specialties Co., Burbank, CA. (2 pgs)
94.	05/09/56	Memo to Isotopes Extension Files fr GABlanc re: Telephone Call To Mr. Allen Goldstein, Isotopes Specialties, Burbank, CA, May 3, 1956. (1 pg)
95.	07/27/56	AMGoldstein, Isotopes Specialties Co., Burbank, CA to AEC, Oak Ridge, TN re "Use of Isotopes" Course. (1 pg)

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96.	08/10/56	GABlanc, Isotopes Extension Div. of Civilian Application, US AEC to AM Goldstein, Isotopes Specialties Co., Burbank, CA re: Proposed Visit. (1 pg)
97.	08/17/56	Memo to AEC Files re: call fr AGoldstein, Isotopes Specialties, Burbank, CA re sealed sources. (1 pg)
98.	09/13/56	JLShepherd, Dir. , Industrial Sales, Isotopes Specialties Co., Burbank, CA to AEC, Oak Ridge, TN re: bidding against the AECL on radiotherapy source for export. (1 pg)
99.	09/18/56	JWHitch, Isotopes Extension Div. of Civilian Application, US AEC To JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA re: Price Reduction of Cobalt 60. (1 pg)
100.	09/19/56	HSFriedman, Nucor Research, Inc., Ferndale, MI to LPGintz, AEC, Isotope Div., Oak Ridge, TN re: Nucor License Application for Cerium 144. (1 pg)
101.	09/28/56	AMGoldstein, Isotopes Specialties, Inc., Burbank, CA to US AEC, Oak Ridge, TN re: Report of Exports as required by Federal Regulations, Your Letter of Sept. 24. (1 pg)
102.	10/01/56	GABlanc, AEC Isotopes Extension, Div. of Civilian Application, Oak Ridge, TN to AMGoldstein, Isotopes Specialties Co. Burbank, CA re: letter to LRRogers discussing sealed sources and leak test requirements. (2 pgs)
103.	10/02/56	WPTHurmer, Isotopes Extension Div. of Civilian Application, US AEC to AM Goldstein, Isotopes Specialties Co, Inc., Burbank, CA re: Report of Export Shipments. (1 pg)
104.	10/12/56	JWHitch, Isotopes Extension Div. of Civilian Application, US AEC to AM Goldstein, Isotopes Specialties Co., Inc. re: Camera Model LSS-1, and Special Thulium Source for Univ. of Minnesota. (2 pgs)

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105.	10/29/56	GABlanc, Isotopes Extension Div. of Civilian Application, US AEC to AM Goldstein, Isotopes Specialties Co., Inc. Burbank, CA re: Sealed Source Design. (1 pg)
106.	11/02/56	JMMaddox, Isotopes Extension Div. of Civilian Application, US AEC re: Information on Licensing of Industrial Radiography Programs. (1 pg)
107.	11/06/56	AMGoldstein, Isotopes Specialties Co., Inc, Burbank, CA to US AEC requesting copies of "Information on Licensing of Industrial Radiography Programs." (1 pg)
108.	11/15/56	GABlanc, Isotopes Extension Div. of Civilian Application, US AEC to AM Goldstein, Isotopes Specialties Co., Inc. re: Proposed Visit. (1 pg)
109.	11/21/56	AMGoldstein, Isotopes Specialties Co., Inc. to US AEC, Oak Ridge, TN re Proposed Visit. (1 pg)
110.	11/27/56	US AEC Byproduct Material License, No. 4-580-2, Amendment No. 1, Licensee: Isotopes Specialties Co., Burbank, CA. (1 pg)
111.	12/05/56	JWHitch, Isotopes Extension Div. of Civilian Application, US AEC to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc. re: Series 90 Sealed Sources and Series LSS-2 Radiography Cameras. (3 pgs)
112.	01/08/57	Form AEC-374 - Application for Byproduct Material License - License No. 4-580-4 (4 pgs)
113.	01/30/57	PGill, Isotopes Specialties Co., Inc., Burbank, CA to AEC, Oak Ridge, TN re: five day course "Industrial Use of Isotopes" given to personnel from Aerojet General Corporation, Azuza, CA. (1 pg)
114.	02/01/57	AEC Office Memorandum fr GABlanc to AEC Isotopes Extension Files re: Visit to Isotope Specialties, 703 South Main Street, Burbank, California - Dec. 6, 1956. (4 pgs)
115.	02/12/57	JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc, Burbank, CA re: client's need for info pertinent to licensing of application. (2 pgs)

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116.	02/26/57	JWHitch, AEC, Isotopes Extension Div. of Civilian Application to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA re: Information on Sealed Source and Camera Design. (1 pg)
117.	03/18/57	JWHitch, Isotopes Extension, Div. of Civilian Application, AEC to AMGoldstein, Isotopes Specialties Co., Burbank, CA re: License No. 4-580-2, Amendment No. 2. (3 pgs)
118.	04/09/57	JLShepherd, Isotopes Specialties Co., Inc., Burbank, CA to JHitch, AEC, Byproducts Licensing Div. Oak Ridge, TN re: requests information pertinent to licensing of application for client's use. (2 pgs)
119.	04/17/57	JWHitch, AEC Isotopes Extension Div. of Civilian Application, Oak Ridge, TN to JLShepherd, Isotopes Specialties Co., Inc., Burbank, CA re: Application for Byproduct Material License. (2 pgs)
120.	04/19/57	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, Oak Ridge, TN re: development of radioactive markers for use of airplanes. (1 pg)
121.	04/22/57	Application for AEC License to Transfer, Deliver, Export, or Receive Uranium or Thorium Source Material to US AEC, Wash. DC from Isotopes Specialties Co., Burbank, CA. (3 pgs)
122.	04/22/57	PGill, Isotopes Specialties Co., Inc., Burbank, CA to AEC, Div. of Civil Application, Attn: LJohnson re: requesting license to receive possession of and title to 20 lbs. of source material. (1 pg)
123.	04/26/57	CRBuchanan, AEC, Isotopes Extension Div. of Civilian Application, Oak Ridge, TN to AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA re: Transfer of Radioactive Markers. (1 pg)
124.	04/30/57	LJohnson, AEC, Div. of civilian Application, Wash. DC to Isotopes Specialties Co., Inc., Burbank, CA, Attn: PGill re: License No. C-3544, Amendment #1: authorizes to receive possession of and title to source material. (1 pg)

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125.	05/07/57	Note to EC Files re: call to AGoldstein, Isotopes Specialties, Burbank, CA. (1 pg)
126.	05/09/57	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, Oak Ridge, TN Attn: CBuchanan re: Telephone conversation May 7, 1957-Mr. Goldstein and Mr. Buchanan. (1 pg)
127.	05/20/57	Note to AEC File re: call fr PGill, Isotopes Specialties Co. re order for shipment of Cesium 137. (1 pg)
128.	05/22/57	Note to AEC File re: call fr PGill, Isotopes Specialties Co. re: shipment of Ce 137. (1 pg)
129.	05/25/57	AEC Office Memorandum to Isotope Extension Files fr CRBuchanan re: Pre-Licensing visit to Isotope Specialties Co., Burbank, CA on May 17, 1957. (4 pgs)
130.	05/31/57	US AEC Byproduct Material License (Supplementary Sheet), License No. 4-580-2, Amendment No. 3. (1 pg)
131.	08/29/57	JWHitch, AEC, Isotope Extension Div. of Civilian Application, Oak Ridge, TN to PGill, Isotope Specialties Co., Inc. re: Type 110 Sealed Source. (1 pg)
132.	09/03/57	Isotopes Specialties Co., Inc., Burbank, CA: Report of Radioisotopes Shipped During the Month of April 1957 and July 1957. (2 pgs)
133.	09/23/67	JWHitch, AEC, Isotopes Extension Div. of Civilian Application, Oak Ridge, TN to AGoldstein, Isotope Specialties Co., Inc., Burbank, CA re: Sealed Source Model Designation. (1 pg)
134.	10/01/57	PGill, Isotopes Specialties Co., Inc., Burbank, CA to AEC, Oak Ridge, TN re: six day course "Industrial Use of Isotopes, given to personnel from Aerojet General Corp., Sacramento, CA. (2 pgs)
135.	11/06/57	JWHitch, AEC, Isotopes Extension Div. of Civilian Application re. Model LSS-3 Camera. (1 pg)

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136.	11/07/57	AEC Office Memorandum to AEC Isotopes Extension File fr JWHitch AEC, Byproduct Licensing re: Visit to Isotopes Specialties Co., Inc. Burbank, CA. (2 pgs)
137.	11/07/57	Note to AEC General File re: call fr AGoldstein, Isotopes Specialties Co., Inc. re moving schedule to new laboratory facilities. (1 pg)
138.	11/21/57	JWHitch, AEC, Isotopes Extension Div. of Civilian Application to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA re: Models LSS-2M1 and 2M2. (1 pg)
139.	11/27/57	JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA to JWHitch, AEC, Isotopes Extension, Div. of Civilian Application, Oak Ridge, TN re: info for client who wishes to set up an irradiator. (1 pg)
140.	11/27/57	JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc. Burbank, CA to JWHitch, AEC, Isotopes Extension Div. of Civilian Application, Oak Ridge, TN. re: Camera Models LSS-2M1 & 2M2 (1 pg)
141.	12/06/57	JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA to JWHitch, AEC Div. of Civilian Application, Oak Ridge, TN. re: request for an answer to ltr of 11/27/57. (1 pg)
142.	12/24/57	AEC Office Memorandum to Isotopes Extension Files fr JWHitch, AEC Isotopes Extension Div. of Civilian Application re: Statement of Considerations for Issuance of License No. 4-580-6. (2 pgs)
143.	12/27/57	JWHitch, AEC, Isotopes Extension Div. of Licensing and Regulation, Oak Ridge, TN to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA re: Licensing of 10,000 Curies of Cobalt 60. (3 pgs)

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144.	12/30/57	JWHitch, Isotopes Extension Div. of Licensing and Regulation, Oak Ridge, TN to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA re: Camera Models LSS-2M1 and 2M2. (2 pgs)
145.	12/30/57	JWHitch, AEC, Isotopes Extension Div. of Licensing and Regulation, Oak Ridge, TN to AGoldstein, Isotopes Specialties Co., Inc., Burbank, CA re: Details on Tagging of Industrial Radiography Sources. (2 pgs)
146.	12/31/57	PGill, Isotopes Specialties Co., Inc, Burbank, CA to AEC, Oak Ridge, TN re: six day course "Industrial Use of Isotopes" given to people from Aerojet General Corp., Sacramento, CA. (2 pgs)
147.	01/02/58	PGill, Isotopes Specialties Co., Inc., Burbank, CA to AEC, Oak Ridge, TN re: five day course given on "Industrial Use of Isotopes."(2 pgs)
148.	01/13/58	JWHitch, Isotopes Extension Div. of Licensing and Regulation to PGill, Isotopes Specialties Co., Inc., Burbank, CA re: Radioisotope Training Counsel (1 pg)
149.	01/22/58	PGill, Isotopes Specialties Co., Inc., Burbank, CA to AEC, Attn: LJohnson, Licensing Branch, Div. of Civilian Application re: Source Material License No. C-3544, Amendment 1, Exp. Date 8/1/57. (1 pg)
150.	01/24/58	PGill, Isotopes Specialties Co., Inc. to AEC, Oak Ridge National Lab, Attn: JWHitch submitting outlines for two courses described in ltrs of 12/31 and 1/2. (5 pgs)
151.	01/27/58	JLShepherd, Isotopes Specialties Co., Inc. Burbank, CA to JWHitch, Isotopes Extension Div. of Civilian Application, US AEC describing irradiators and the wish to register the irradiators with AEC. (2 pgs)
152.	01/28/58	Memo to AEC Files re: Collect Call to Mr. L. Shepherd, Isotopes Specialties Co., Inc, Burbank, CA re: Approval of the LLS-3 series Camera (1 pg)

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153.	01/28/58	JCDelaney, AEC, Div. of Licensing and Regulation, Wash. DC to Isotopes Specialties Co., Inc., Burbank, CA Attn: PGill re: Source Material License: licensed to receive possession of and title to source material. (1 pg)
154.	02/24/58	AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA record of : Information on Disposal of Radioactive Wastes at Sea (2 pgs)
155.	02/24/58	Memo to Files fr JRMason, Isotopes Branch, AEC re: Contamination and Leaking Po-Be Neutron Sources. (1 pg)
156.	03/04/58	JWHitch, Div. of Licensing and Regulation, AEC to JLShepherd, Isotopes Specialties Co., Inc., Burbank, CA re: Hero 105 and Hero 105 M-1 Irradiators. (1 pg)
157.	03/07/58	EEFowler, Office of Industrial Development, AEC to AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA re: visit by KHMorganstern of Nuclear Corp. of America to discuss processing of reactor waste material. (1 pg)
158.	03/17/58	JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA to Isotopes Branch, Div. of Licensing and Regulation, US AEC, attn: WOMiller re: type of radiation tag to be used on cameras. (1 pg)
159.	03/17/58	JWHitch, Div. of Licensing and Regulation, US AEC to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc., Burbank, CA re: WOMiller's telephone statement re Advance Industrial X-Ray Lab license. (1 pg)
160.	03/25/58	WBReynolds, Business Mgr., University of California, Berkeley, CA to HAFidler, Mgr. US AEC, San Francisco Operations Office, Oakland, CA re: enclosing self-explanatory letter to Isotopes Specialties Co. (4 pgs)
161.	03/29/58	JWHitch, Isotopes Extension Div. of Licensing and Regulation, US AEC to PGill, Isotopes Specialties Co., Inc re: Radioisotope Training Course. (1 pg)

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162.	03/31/58	PGill, Isotopes Specialties Co., Inc. to AEC, Oak Ridge, TN re: five day course "Industrial Use of Radioisotopes. (4 pgs)
163.	04/11/58	JWHitch, Div. of Licensing and Regulation, US AEC to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc. re: Radiation Label. (1 pg)
164.	04/14/58	SGordon, Director, State of CA, Dept. of Fish and Game, Sacramento, CA to HLPrice, Dir., US AEC, Div. of Licensing and Regulation re: your ltr of 4/7/58 concerning AEC ltr of 3/20/53 on proposed issuance of an AEC license to Isotopes Specialties Co., Inc, Burbank, CA. (2 pgs)
165.	04/28/58	REBrinkman, Div. of Licensing and Regulation to PGill, Isotopes Specialties Co., Inc., Burbank, CA re: Course "Industrial Use of Radioisotopes." (1 pg)
166.	04/29/58	HCDavis, Asst. Executive Dir., CA Fish Cannery Association, Inc., Terminal Island, CA re: notice appearing in the Federal Register, dtd 3/8/58, re disposal off the CA coast. (1 pg)
167.	05/06/58	PGill, Isotopes Specialties Co., Inc., Burbank, CA to US AEC, Oak Ridge, TN re: course "Industrial Use of Isotopes." (1 pg)
168.	05/06/58	RLHervin, US AEC, Telephone Call to AGoldstein, Isotopes Specialties Co., Inc., Burbank, ca re: radioisotope program. (2 pgs)
169.	05/06/58	LPGintz, US AEC, Telephone Call to AGoldstein, Isotopes Specialties Co., Inc., Burbank, CA re: questions AEC considered to need clarification prior to customers applications for cameras. (4 pgs)
170.	05/08/58	HLPrice, Div. of Licensing and Regulation, US AEC to SGordon, Dept. of Fish and Game, State of CA, Sacramento, CA re: Isotopes Specialties Co., Inc. and disposal of radioactive waste in ocean areas. (3 pgs)

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171.	05/08/58	LPRogers, Div. of Licensing and Regulation, US AEC to AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA enclosing ltr fr Dept. of Fish and Game, State of CA (3/20) and ltr fr CA Fish Canners Association, Inc.(4/29). (1 pg)
172.	05/12/58	JWHitch, Div. of Licensing and Regulation, US AEC to JLShepherd, Industrial sales, Isotopes Specialties Co., Inc. re: Labeling Radiography Cameras. (1 pg)
173.	05/21/58	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, By-Product Licensing Div. Germantown, MD, Attn: PGanz re: specifications on ISC radiation camera. (1 pg)
174.	05/22/58	SKinsman, Bureau of Radiological Health, Dept. of Public Health, State of CA, Berkeley, CA to RFallis, US Nuclear Division, International Chemical and Nuclear Corp., Burbank, CA re: denial of amendment to CA Radioactive Material License No. 0431-59. (1 pg)
175.	05/28/58	JRMason, Div. of Licensing and Regulation, US AEC, 1717 H St., NW to Isotopes Specialties Co., Inc., Burbank, CA re: Reports of Radioactive Shipments. (1 pg)
176.	05/29/58	AMGoldstein, Isotopes Specialties Co., Inc. to US AEC, By-Product Licensing Div., Germantown, MD, Attn: PGanz re: source specifications. (1 pg)
177.	06/02/58	REBrinkman, US AEC: List of Telephone Calls to arrange prelicensing visits. (1 pg)
178.	06/03/58	AMGoldstein, Isotopes Specialties Co., Inc, Burbank, CA to US AEC, Attn: PGanz re: radiation profiles. (1 pg)
179.	06/06/58	AMGoldstein to By-Product Licensing Div., AEC, Germantown, MD, Attn: Mr. Gantz, re: submittal of enclosures: source specification and drawing No. 1077. (1 pg)
180.	06/11/58	AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA to AEC, Attn: PGanz re: corrected specification sheet gamma source capsule (1 pg)

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181.	06/13/58	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, Germantown, MD, Attn: JWHitch re: revised shield and camera labels. (1 pg)
182.	06/17/58	JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc. to US AEC, 1717 H St., Wash. DC, Attn: JWHitch, Div. of Licensing and Regulation re: amount of Mercury 203 that can be authorized for shipping. (1 pg)
183.	06/20/58	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, By-Product Div. Germantown, MD, Attn: RBrinkman re: Changes in ISC Isotopes Committee. (1 pg)
184.	06/24/58	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, Gy-Product Licensing Div, Germantown, MD, Attn: PGanz re: source specifications and drawings. (1 pg)
185.	06/24/58	REBrinkman, Div. of Licensing and Regulation, AEC, 1717 H St., Wash. DC to JLShepherd, Industrial Sales, Isotopes Specialties Co., Inc, Burbank, CA re: general licensed quantity of Mercury 203. (1 pg)
186.	06/27/58	Memo by LPGintz, AEC re: Office Visit From: Allen Goldstein, Isotopes Specialties, Inc., Burbank, CA to discuss design of his sources and camera. (2 pgs)
187.	06/30/58	PGill, Isotopes Specialties Co., Inc., Burbank, CA to US AEC, 1717 H St., Wash. DC, Attn: WOMiller, Div. of Licensing and Regulation re : five-day course "Radiological Fundamentals." (2 pgs)
188.	07/02/58	Office Memorandum fr REBrinkman, AEC to Isotopes Branch Files re: Office Visit by Allen Goldstein, Isotopes Specialties, Burbank, CA and Mr. King, Englehart Industries, Wash. DC, June 26 and 27, 1958. (2 pgs)
189.	07/02/58	AMGoldstein, Isotopes Specialties Co., Inc. to AEC, 1717 H St., Wash. DC, Attn: Mr. Mason - By-Products Licensing Div. re: anticipated visit to Isotopes Specialties facilities. (1 pg)

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190.	07/07/58	AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA to AEC By-Products Licensing Div., Attn: PGinz re: drawings of Isotopes Specialties Co. cameras. (1 pg)
191.	07/09/58	PGill, Isotopes Specialties Co., Inc. to US AEC, Wash. DC, Attn: WOMiller re: course given at North American Aviation. (1 pg)
192.	07/09/58	REBrinkman, AEC to Isotopes Branch Files re: Visit to Isotopes Specialties Co., 170 W. Providencia St., Burbank, CA on June 18, 1958. (2 pgs)
193.	07/10/58	JRMason, AEC, Div. of Licensing and Regulation to AMGoldstein, Isotopes Specialties Co., Inc., Burbank, CA re: San Francisco Operations Office and joint visit to Isotopes Specialties Co. (1 pg)
194.	07/21/58	REBrinkman, AEC, Div. of Licensing and Regulation to PGill, Isotopes Specialties Co., Inc re: ltrs dtd 6/30 and 7/9/58. (1 pg)
195.	08/05/58	Telephone Call To: Mr. Allen Goldstein, Isotopes Specialties Co., Burbank, CA re: additional questions on cameras. (2 pgs)
196.	08/08/58	AMGoldstein to US AEC, By-Product Licensing Div., Germantown, MD enclosing copies of source specification sheet and drawing. (1 pg)
197.	08/21/58	PGill, Nuclear Corporation of America, Isotopes Specialties Co., Inc. Division, Burbank, CA to US AEC Div. of Civilian Application, Byproduct Licensing, Washington, DC, Attn: JWHitch re: informing that work required for amendment No. 3 was completed on 8/8/58. (1 pg)
198.	08/21/58	Ltr. to JHitch from PGill re: Operation completed As permitted in Amendment No. 4 (1 pg)
199.	09/01/58	Isotopes Specialties Co., Inc. Sealed Source Contamination Tests. (2 pgs)

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200.	09/02/58	JWHitch, AEC, Telephone Call fr Mr. Bob Moore, Dir. of Procurement and Production, San Antonio Air Materiel Area, Kelly Air Force Base, TX re: license of Isotopes Specialties for accepting waste. (1 pg)
201.	09/08/58	EPrice, AEC , Acting Dir., Div, of Licensing and Regulation to WMcCool, AEC, Secretary re: Information Paper Transmitting Letter from Director, Dept. of Fish and Game, State of California. (1 pg)
202.	09/08/58	AEC Office Memorandum to Files fr RFBarker, Radiation Safety Branch, Div. of Licensing and Regulation re: Visit to Isotope Specialties, Burbank, CA, June 18, 1958. (2 pgs)
203.	09/10/58	RNDonelson, Isotopes Specialties Co., Burbank, CA to WU AEC, Attn: JWHitch re: request for exemption of sources fr manufacturer's leak test. (1 pg)
204.	09/12/58	LPGintz, AED, Telephone Call To: RNDonelson, Isotopes Specialties, Inc, Burbank, CA re: source to be used in camera (1 pg)
205.	09/12/58	Note to AEC Files: Telephone call fr AGoldstein, Isotopes Specialties, Burbank, CA re: delay in licensing. (1 pg.)
206.	09/17/58	CANelson, Div. of Inspection, AEC to PFFoster, General Manager re: Inspection of the Isotopes Specialties Co., Burbank, CA. (1 pg)
207.	09/23/58	RNDonelson, Chief Engineer, Isotopes Specialties Co., Burbank, CA to US AEC, Wash. DC, Attn: JWHitch, Div. of Licensing and Regulation. (2 pgs)
208.	09/29/58	(Draft) Mason, AEC to Isotopes Specialties Co., Burbank, CA, Attn: AMGGoldstein re: inspection on Aug. 12 and 13, 1958. (5 pgs)
209.	10/20/58	ERPrice, AEC Div. of Licensing and Regulation to Isotopes Specialties Co., Burbank, CA, Attn: AMGGoldstein re: information received based on inspection conducted on Aug. 12/13 1958 (3 pgs)

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210.	10/20/58	JWHitch, AEC Div. of Licensing and Regulation to RNDonelson, Isotopes Specialties Co., Burbank, CA re: LSS-2 Series Cameras. (2 pgs)
211.	10/29/58	WOMiller, Div. of Licensing and Regulation, AEC to AMGoldstein, Isotopes Specialties Co., Burbank, CA re: Models LSS2M1 and LSS2M2 Radiographic Cameras. (1 pg)
212.	10/31/58	WOMiller, Div. of Licensing, AEC to RNDonelson, Isotopes Specialties Co., Burbank, CA re: Sealed Source Description. (2 pgs)
213.	11/14/58	AMGoldstein, Isotopes Specialties Co., Burbank, CA to AEC, By-Product Licensing Div., Wash. DC, Attn: WOMiller re ISC LSS2 Series Camera (3 pgs)
214.	11/14/58	REBrinkman, AEC, Div. of Licensing and Regulation to AMGoldstein, Isotopes Specialties Co., Inc. Burbank, CA re: Training Course (2 pgs)
215.	11/18/58	Telephone Call from AGoldstein, Isotopes Specialties Co., Burbank, CA to LPGintz, Isotopes Branch, AEC re: review of information submitted in letter of Nov, 14 on LSS2 Series cameras. (2 pgs)
216.	11/20/58	AMGoldstein, Isotopes Specialties Co., Burbank, CA to AEC, Wash. DC, Attn: Mr. Ginz re: LSS2 Series Camera. (1 pg)
217.	11/20/58	AEC Office Memorandum to CPalmiter, Div. of Inspection, Headquarters fr GABlanc, Inspection Div., San Francisco Operations Office re: Isotopes Specialties Co., Burbank, CA. (2 pgs)
218.	12/08/58	AEC Office Memorandum fr MMMann, Div. of Inspection to HLPrice, Div. of Licensing and Regulation re: Isotopes Specialties Co., Burbank, CA and the SAN Inspection. (1 pg)
219.	12/08/58	JWHitch, AEC, Div. of Licensing and Regulation to RNDonelson, Isotopes Specialties Co., Burbank, CA re: ltr of 9/10/48 requesting modification in AEC requirements for leak tests. (1 pg)

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220.	12/08/58	JWHitch, AEC, Div. of Licensing and Regulation to AMGoldstein, Isotopes Specialties Co., Burbank, CA re: request for clarification of AEC requirements for licensing of devices containing tritiated paint. (1 pg)
221.	12/09/58	AEC Draft ltr to Mr. Goldstein, Isotope Specialties re: request for further clarification concerning alleged over exposures. (3 pgs)
222.	12/18/58	AEC Office Memorandum fr GABlanc, Inspection Div., San Francisco Office to CCPalmiter, Div. of Inspection, Headquarters re: Letter, Goldstein to Price, Nov. 21, 1958. (2 pgs)
223.	12/19/58	WOMiller, AEC, Div. of Licensing and Regulation to RMDonelson, Isotopes Specialties Co., Burbank, CA re: application for license to cover type 30 sealed source. (1 pg)
224.	12/24/58	PGill, Isotopes Specialties Co., Burbank, CA to US AEC, Washington, . DC, Attn: REBrinkman, Sr. Regional Licensing Reviewer re: five day training course for personnel. (4 pgs)
225.	01/13/59	Draft letter to Isotopes Specialties, Attn:Mr. Goldstein re: re letters of 11/4 and 11/21/1958 answering AEC notice of alleged violation dtd 10/20/58. (1 pg)
226.	01/14/59	AEC Office Memorandum to HLPrice, AEC, Div. of Licensing and Regulation from MMMann, AEC, Div. of Inspection re: Isotopes Specialties Co., Burbank, CA, enclosing copy of SAN Inspection Div. memo dtd 12/18/58. (1 pg)
227.	02/03/59	Telephone Call fr AGoldstein, Isotopes Specialties, Burbank, CA to JRMason, as overheard by RE Brinkman, AEC re: request for action on application 12774. (1 pg)
228.	03/11/60	JRMason, AEC, Isotopes Branch, Div. of Licensing and Regulation to Nuclear Corp. of America, Isotopes Specialties Co., Burbank, CA, Attn: AAMichaud re: inspection conducted on 10/14/59. (1 pg)

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229.	03/17/60	AAMichaud, Vice Pres., Nuclear Corporation of America, Isotopes Specialties Co. Div. to JRMason, AEC, Div. of Licensing and Regulation, Wash. DC re: ltr of 3/11 referring to inspection conducted on 10/14/59. (2 pgs)
230.	04/08/60	JRMason, AEC, Div. of Licensing and Regulation to Nuclear Corp. of America, Isotopes Specialties Co., Burbank, CA, Attn: AAMichaud, Vice Pres. re: ltr of 03/17/60 re: correction of deficiencies in licensed program. (1 pg)
231.	11/04/60	KWNewman, General Mgr., Nuclear Corp. of America, Isotopes Specialties Co.--Division, Burbank, Ca to JCDelaney, AEC re: renewal of source material license number C-3544. (1 pg)
232.	11/10/60	JJLane, AEC, Acting Chief, Div. of Licensing and Regulation, Wash. DC to Nuclear Corporation of America, Isotopes Specialties Co.--Division, Burbank, CA, Attn: KWNewman, Gen. Mgr. re: Pursuant to Act of 1954: licensed to receive possession of and title to source material. (1 pg)
233.	12/23/60	AMGoldstein, US Nuclear Corp. License Application for Special Nuclear Material (Pursuant to CFR 70.22). (8 pgs)
234.	01/10/61	TGMcCreless, US AEC to AGoldstein, US Nuclear Corp., Burbank, CA re: application dated 12/23/60 for a special nuclear license (Draft ltr). (1 pg)
235.	01/12/61	TGMcCreless, US AEC, Div. of Licensing and Regulation, Wash. DC to US Nuclear Corp., Burbank, CA re: application dated 12/23/60 for special nuclear material license. (1 pg)
236.	01/13/61	JDVaden, Secretary, Isotope Committee., Nuclear Corp. of America, Isotopes specialties Co.-- Division to Dir., Div. of Licensing and Regulation, US AEC, Wash. DC re: resignation of members of Isotope Committee of Isotopes Specialties Co., A Division of Nuclear Corp. of America effective 1/15/61. (1 pg)

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237.	01/30/61	JRMason, AEC, Div. of Licensing and Regulation to Nuclear Corp. of America, Inc., Isotopes Specialties Co. Division, Burbank, CA re: informing that AEC was advised that Isotopes Specialties Co., Div. of Nuclear Corp. of America had been sold to US Nuclear Corp. (2 pgs)
238.	04/18/61	AEC Byproduct, Source and Special Nuclear Material License, US Nuclear Corporation, Docket No. 27-22, License No. 4-5241-3, issued 04/18/61 (6 pgs)
239.	04/26/61	AMGoldstein, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: TGMcCreless, US AEC, Nuclear Materials Br., re: Your Ref L&R: TGM 70-482, Letter January 12, 1961. (4 pgs and 2 oversized drawings)
240.	05/18/61	AMGoldstein, US Nuclear Corp, Burbank, CA to AEC, Byproduct Licensing Div., Wash. DC re: submittal of Form 313 for export license. (1 pg)
241.	05/23/61	US AEC Special Nuclear Material License No. SNM-483 issued to US Nuclear Corp., Burbank, CA. (1 pg)
242.	06/07/61	AEC Memorandum to MNHudson or ARFritsch, Div. of International Affairs from CRBuchanan, AEC Div. of Licensing and Regulation re: Export of Tritium Paint to England from US Nuclear Corp., Burbank, CA. (1 pg)
243.	07/09/61	CRBuchanan, AEC, Div. of Licensing and Regulation to AMGoldstein, US Nuclear Corp., Burbank, CA re: acknowledgment of receipt of application for license to export tritium paint. (2 pgs)
244.	07/12/61	Application for Byproduct Material License from US Nuclear Corp., Burbank, CA, signed AMGoldstein, President, 7/12/61. (2 pgs)
245.	07/26/61	US AEC Byproduct Material License for US Nuclear Corp., Burbank, CA, License No. 4-5241-5. (1 pg)

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246.	02/26/62	AGoldstein, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: ERPrice re: AEC ltr 2/16/62 re findings of inspections at US Nuclear. (2 pgs)
247.	03/02/62	AMGoldstein, US Nuclear Corp., Burbank, CA to AEC, Div. of Licensing and Regulation, Wash. DC Attn: ERPrice, AEC re: response to Section II of captioned letter. (5 pgs)
248.	04/18/62	RECunningham, AEC, Enforcement Br., Div. of Licensing and Regulation to US Nuclear Corp., Attn: AGoldstein re: letters of 2/26 and 3/2, 1962 in reply to notice of violation dated 2/26/62. (1 pg)
249.	05/17/62	AMGoldstein, US Nuclear Corp., Burbank, CA re AEC, Div. of Licensing and Regulation, Wash. DC re: Special Nuclear Material License No. SNM-483. (1 pg).
250.	05/18/62	US AEC Application for Byproduct Material License from AMGoldstein, US Nuclear Corp., Burbank, CA (2 pgs)
251.	05/25/62	DANussbaumer, AEC, Div. of Licensing and Regulation, Wash. DC to US Nuclear Corp., Burbank, CA, Attn: AMGoldstein re: Item 7 of License No. SNM-483. (1 pg)
252.	09/18/62	CR Buchanan, Div. of Licensing and Regulation, AEC, to AMGoldstein & PGill, US Nuclear Corp., Burbank CA. enclosing Byproduct Material License NO. 4-5241-6 to cover import and export of byproduct material. (5 pgs)
253.	10/23/62	Director, AEC Div. of Licensing and Regulation to US Nuclear Corp., Burbank, CA, Attn: SMGoldberg re: lead-gasketed type teletherapy sealed sources. (1 pg)
254.	12/21/62	AEC Memorandum to EGOutten, Inspection Specialist, Headquarters to HEBook, Region V, Div. of Compliance re: Report of Import-US Nuclear Corporation, Burbank, CA. (1 pg)

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255.	03/04/63	LJohnson, AEC Div. of Licensing and Regulation to AGoldstein, US Nuclear Corp., Burbank, CA re: information re agreement between the Commission and the State of CA providing for discontinuance by the Commission of certain regulatory authority, effective Sept. 1, 1962. (2 pgs)
256.	09/16/63	RNDonelson, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: DBHowell re: additional information regarding Model E-0044-A Gamma Irradiator. (17 pgs and 4 drawings)
257.	10/17/63	Incoming Telegram from RNDONELSON, US Nuclear, Burbank, CA to DBHowell, US AEC re: request for immediate issuance of license for installation of Irradiator. (1 pg)
258.	10/17/63	RNDonelson, US Nuclear Corp., Burbank, CA re: Operating Procedures for Model GR-9 Irradiator. (1 pg)
259.	10/23/63	DBHowell, Div. of Licensing and Regulation, AEC to US Nuclear Corp., Burbank, CA, Attn: RNDonelson re: issuance of Byproduct Material License, No. 4-5241-8, US Nuclear Corp., Burbank, CA, on 10/23/63. (3 pgs)
260.	11/19/63	RNDonelson, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: DBHowell re profiles of Gamma Irradiators as requested. (1 pg)
261.	12/30/63	Form AEC-313 Application for Byproduct Material License for US Nuclear Corp., Burbank, CA. (4 pgs)
262.	12/31/63	DBHowell, AEC, Div. of Licensing and Regulation to US Nuclear Corp, Burbank, CA, to US Nuclear Corp., Burbank, CA, Attn: RNDonelson, JLShepherd re: your ltr of 11/19/63 requesting amendment to license No. 4-5241-8. (1 pg)
263.	01/16/64	US AEC Byproduct Material License, Amend No. 1 License No. 45241-8, issued 1/16/64. (2 pgs)

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264.	02/14/64	BLHarless, Chief, US AEC, State Agreements Br., Div. of Radiation Protection Standards to JMheslep, Bureau of Radiological Health, State Dept. of Public Health, Berkeley, CA. re: Dept of Health letter of 2/6/64 re US Nuclear Model 1 sources. (1 pg)
265.	04/27/64	RNDonelson, Chairman of Isotope Committee, US Nuclear Corp, Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: CRBuchanan re: reorganization of US Nuclear Corp. (1 pg)
266.	05/06/64	US AEC Byproduct Material License (supplementary sheet), License No. 4-5241-6, Amendment Number 1 to US Nuclear Corp., Burbank, CA, Attn: PGill. (1 pg)
267.	05/19/64	RNDonelson, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: DBHowell re: copy of a letter sent to the University of Chicago in support of their licensing amendment request. (5 pgs)
268.	06/10/64	DANussbaumer, US AEC, Div. of Materials Licensing to US Nuclear Corp., Burbank, CA Attn: AGoldstein re: Byproduct Material License 4-5241-3 and SNM-483. (2 pgs)
269.	06/12/64	US AEC Byproduct Material License (supplementary Sheet), License No. 4-5241-8, Amendment No. 2 to US Nuclear Corp., Burbank, CA. (1 pg)
270.	06/12/64	DBHowell, AEC, Div. of Materials Licensing to US Nuclear Corp., Burbank, CA, Attn: RNDonelson re: actions taken in re to your ltr of 4/27/64. (1 pg)
271.	07/06/64	Amendment No. 3 to U.S. Nuclear Corp. License Nol 4-5241-8 . (1 pg)
272.	07/23/64	LPRHuard, Chief, AEC, Indemnity and Export Control Br., Div. of State and Licensee Relations to US Nuclear Corp., Burbank, CA : advising the License No. 4-5241-6 expires on 9/30/64. (1 pg)

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273.	08/25/64	PGill, US Nuclear Corp., Burbank, CA to US AEC, Div. of State and Licensee Relations, Wash DC, Attn: LPRHuard, Indemnity and Export Control Br. re: transmittal of application for Export and Import license renewal. (3 pgs)
274.	09/02/64	PGill, US Nuclear Corp., Burbank, CA to AEC, Div. of Materials Licensing, Wash. DC, Attn: DBHowell re: enclosure entitled "Procedure for Initial Installation and Servicing of Gamma Irradiators as supplement to amendment request. (3 pgs)
275.	09/04/64	ERPrice, AEC, Div. of State and Licensee Relations to US Nuclear Corp., Burbank, CA, Attn: PGill enclosing renewed License No. 4-5241-6, Amendment No. 2. (3 pgs)
276.	09/17/64	US AEC Byproduct Material License (supplementary sheet), License No. 4-5241-8, Amendment No. 4 to US Nuclear Corporation, Burbank, CA. (1 pg)
277.	12/17/64	PGill, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: DBHowell re: amendment request to license No. 4-5241-8 for additional irradiators. (8 pgs)
278.	12/18/64	RNDonelson, US Nuclear Corp., Burbank, CA to AU AEC, Div. of Licensing and Regulation, Wash. DC, Attn: DBHowell re: information on Cesium-137 source and irradiation device for US Public Health Service. (2 pgs)
279.	12/18/64	Form 313, AEC Application for Byproduct Material License amendment for license 4-5241-8. (2 pgs)
280.	12/30/64	Operating Procedures - E-0149 Radiation Field Facility. (4 pgs)
281.	01/07/65	PGill, US Nuclear Corp., Burbank, CA to US AEC, Div. of Licensing and Regulation, Wash. DC, Attn: DBHowell re: request for amendment to license No. 4-5241-8. (3 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
282.	01/13/65	US AEC Byproduct Material License (supplementary sheet), Amendment No. 5, License No. 4-5241-8 for US Nuclear Corp., Burbank, CA. (2 pgs)
283.	01/22/65	US AEC Byproduct Material License (supplementary sheet), Amendment No. 6, License No. 4-5241-8 for US Nuclear Corp., Burbank, CA. (1 pg)
284.	06/25/65	Form AEC 313 Application for Byproduct Material License (application for amendment) for US Nuclear Corp., Burbank, CA. (6 pgs)
285.	07/15/65	US AEC Byproduct Material License (supplementary sheet), Amendment No. 7, License No. 4-5241-8 for US Nuclear Corp., Burbank, CA. (1 pg)
286.	08/27/65	US AEC Byproduct Material License (supplementary sheet), Amendment No. 8, License No. 4-5241-8 for US Nuclear Corp., Burbank, CA. (1 pg)
287.	12/02/65	Form AEC-313 Application for Byproduct Material License (application for amendment) for US Nuclear Corp., Burbank, CA, License No. 4-5241-8. (5 pgs)
288.	12/21/65	US AEC Byproduct Material License (supplementary sheet), Amendment No. 9, License No. 4-5241-8 for US Nuclear Corporation, Burbank, CA. (1 pg)
289.	01/04/66	Form AEC-313 Application for Byproduct Material License (application for amendment) for US Nuclear Corp., Burbank, CA. (4 pgs)
290.	01/28/66	US AEC Byproduct Material License, amended in its entirety, Amendment No. 10, License No. 4-5241-8, for US Nuclear Corp., Burbank, CA. (4 pgs)
291.	03/14/66	Form AEC-313 Application for Byproduct Material License (application for amendment) for US Nuclear Corp., Burbank, CA. (4 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
292.	03/28/66	PGill, US Nuclear Corp., Burbank, CA to US AEC, Div. of Materials Licensing, Attn: DBHowell re: phone conversation with FDavis, AEC. (2 pgs)
293.	04/01/66	US AEC Byproduct Material License (supplementary sheet), Amendment No. 11, License No.4-5241-8 for US Nuclear Corp., Burbank, CA. (1 pg)
294.	09/21/66	JEMachurek, Radiation and Intra agency Br., Div. of Civilian Application to JLShepherd, Isotopes Specialties Co., Inc., Burbank, CA re: Cobalt 60. (1 pg)
295.	10/10/66	Form AEC-313 Application for Byproduct Material License (application for amendment for US Nuclear corp., Burbank, CA. (4 pgs)
296.	11/21/66	RNDonelson, US NUCLEAR Corp., Burbank, CA to US AEC, Div. of Materials Licensing, Wash. DC, Attn: DBHowell re: substitution of enclosed procedure for one submitted on 11/10/66. (2 pgs)
297.	12/16/66	US AEC Byproduct Material License (supplementary sheet), Amendment No. 12, License No. 4-5241-8 for US Nuclear Corp., Burbank, CA. (2 pgs)
298.	04/17/67	FDavis, AEC telephone call to GHarwood, US Nuclear Corp. re: plan to keep License Numbers 4-5241-8 and 9 in effect and consequent need to replace users with new personnel. (1 pg)
299.	05/03/67	GHarwood, Gen. Mgr., US Nuclear Corp., Burbank, CA to US AEC, Div. of Materials Licensing, Wash. DC re: informing that US Nuclear Corp. has been acquired by International Chemical and Nuclear Corp. and desires to continue license Nos. 4-5241-8 and 4-5241-9 in effect. (1 pg)
300.	05/18/67	BWChurchill, AEC, Isotopes Br., Div. of Materials Licensing to US Nuclear Corp., Burbank, CA, Attn: GHarwood, Gen. Mgr. re: continuing License Nos. 4-5241-8 and 9. (1 pg)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
301.	01/23/68	US AEC, Div. of Compliance, Headquarters to GHarwood, US Nuclear Corp., Burbank, CA: Telefax re: plutonium release, ref SNM 1002. (1 pg)
302.	01/29/68	Telefax from LDLow, US AEC, Wash. DC to GHarwood, US Nuclear, Burbank, CA re: confirmation of suspension of operations under AEC License No. SNM-1002. (1 pg)
303.	02/03/68	Telefax from LDLow, US AEC, Wash. DC to RMFallis, US Nuclear Corp., Berkeley, CA re: confirmation of tel conv on 2/2/68 re shipment of sources fabricated by US Nuclear. (1 pg)
304.	02/0768	Radiographic Test Report by Materials Testing Lab, Los Angeles, CA for US Nuclear. (6 pgs)
305.	02/23/68	RFallis, US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA to RSmith, US AEC, Div. of Compliance, Berkeley, CA re: submittal of enclosures forwarded to SKinsman, CCA State Bureau of Rad. Health. (27 pgs)
306.	03/05/68	BBradley US Nuclear Division of International Chemicals & Nuclear Corp., Burbank, CA to LDLow, US AEC, Div. of Compliance, Wash. DC re: AEC License No. SNM-1002 - Letter of 2-7-68 and 2-8-68. (1 pg)
307.	03/08/68	GHarwood, US Nuclear Division of International Chemicals and Nuclear Corp. to SKinsman, Bureau of Radiological Health, Berkeley, CA re: Kinsman's ltr of 2/29 re fabrication of teletherapy sources. (11 pgs)
308.	03/14/68	Telefax from US Nuclear Corp., Burbank, CA to LDLow, US AEC re: license no. SNM-1002 and US Nuclear ltr of 3/12/68 re shipment of neutron sources. (1 pg)
309.	03/28/68	DANussbaumer, US AEC, Div. of Materials Licensing, Wash. DC, Attn: GHarwood, US Nuclear Corp., Burbank, CA re: Notice of License Expiration. (1 pg)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
310.	04/17/68	RCKoch, Tech. Asst to the Pres., US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA to DANussbaumer, US AEC, Div. of Materials Licensing, Wash. DC re: request for extension of expiration date for license SNM-1002. (1 pg)
311.	06/01/68	US AEC In the Matter of US Nuclear Corp.: Notice of Denial of Application for License Renewal and Order for Disposition of Special Nuclear Material and Decontamination of Facilities and Equipment. (13 pgs)
312.	06/03/68	US AEC Memorandum to File from RWSmith, Director, AEC Region V, Div. of Compliance re: US Nuclear Corp., AEC License SNM-1002; Notice of Denial of Application for License Renewal and Order for Disposition of Special Nuclear Material and Decontamination of Facilities and Equipment. (9 pgs)
313.	06/19/68	US AEC Memorandum to File from RFFish, AEC Region V, Div. of Compliance re US Nuclear Corp., Burbank, CA, License No. SNM-1002. (1 pg)
314.	06/24/68	Secretariat, AEC-R 68/1, US Nuclear Corp., License No. SNM-1002: material concerning US Nuclear Corp. circulated for the information of the Commission. (6 pgs)
315.	07/01/68	AEC Memo to File re: US Nuclear Corp., Burbank, CA, License No. SNM-1002. (1 pg)
316.	07/01/68	US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA to Director AEC Region V, Berkeley, CA re: notice of denial of application. (13 pgs)
317.	07/08/68	US AEC Memo to File from HEBook, US AEC, Region V, Berkeley CA re: State of CA Meeting With US Nuclear Corp. Status of AC Order (2 pgs)
318.	07/18/68	FDAVIS, US AEC, Div. of Materials Licensing, re: Background on US Nuclear Corporation's License Nos. 4-5241-8 and -9 and Pending Application. (2 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
319.	07/25/68	BISegal Law Offices, Los Angeles, CA to GFHadlock, Esq., US AEC, Wash. DC re: USAEC -- In the Matter of US Nuclear Corp., License No SNM 1002. (1 pg)
320.	07/26/68	US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA to Director, US AEC Region V, Berkeley, CA re: to US Nuclear letter of July 1, 1968 pursuant to Notice and Order. (9 pgs)
321.	08/02/68	RCKoch, US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA to DANussbaumer, US AEC, Div. of Material Licensing, Wash. DC re: final decontamination of the US Nuclear facilities. (14 pgs)
322.	08/05/68	Note to Shapar re: Meeting with US Nuclear Corp. (3 pgs)
323.	08/14/68	Ltr. to Fallis, Int'l Chemical & Nuclear Corp. from L. Low, AEC re: Shipper's Export Declaration (1 pg)
324.	08/30/68	US AEC Memo to File, Region V, Berkeley, CA from JRMetzger, AEC Rad. Specialist re: telephone call from Dr. Koch, US Nuclear, and procedures on the Pu lab cleanup. (4 pgs)
325.	09/10/68	HEBook, US AEC, Sr. Rad Specialist to JRRoeder, Div. of Compliance, Headquarters re: US Nuclear Corp, Burbank, CA, License No. SNM-1002 - Procedures Submitted. (1 pg)
326.	10/02/68	Ltr. to J Ward from R Koch re: transmitting ltrs of 9/6 and 10/268 from US AEC (2 pgs)
327.	10/04/68	RCKoch, US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA to Director, AEC Region V, Berkeley, CA re: information relating to phases of proposed operations leading to final decontamination of Nuclear Corp.'s premises in Burbank, CA. (8 pgs)
328.	10/10/68	HEBook, US AEC, Sr. Rad Specialist to GWRoy, US AEC, Div. of Compliance re Meeting With Representatives of the Bureau of Radiological Health. (2 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
329.	10/14/68	DANussbaumer, US AEC Div. of Materials Licensing to RWSmith, Director, US AEC Region V re: US Nuclear Corp., Packaging for Shipment of PU-238-BE Neutron Sources. (24 pgs)
330.	10/15/68	LDLow, Dir., US AEC, Div of Compliance to RWSmith, Dir., US AEC Region V re: US Nuclear Corp. (USNC), Burbank, CA. (8 pgs)
331.	11/01/68	Memo to AEC File from HEBook, US AEC, Sr. Rad. Specialist re: Use of PO Glove Box at US Nuclear During Transfer of PU-238 Into Shipping Containers. (1 pg)
332.	11/06/68	HEBook, US AEC, Sr. Rad specialist to GWRoy, US AEC Div. of Compliance re: US Nuclear Corp., Burbank, CA License No. SNM-1002. (1 pg)
333.	11/12/68	RCKoch, US Nuclear Division of International Chemical & Nuclear Corp., Burbank, CA To Director, AEC Region V, Berkeley, CA re: to confirm ALBaietti will have corporate responsibilities for rad safety and control effective 11/5/68. (3 pgs)
334.	11/13/68	Memo to AEC File from JRMetzger, US AEC Region V, Sr. Rad Specialist re: US Nuclear Corp., Burbank, CA, License No.-1002-Pu glove box shipments from US Nuclear. (1 pg)
335.	11/15/68	Memo to AEC File from HEBook, US AEC, Sr. Rad. Specialist re: US Nuclear Corp., Burbank, CA, License No. SNM-1002. (1 pg)
336.	11/26/68	RCKoch, Rad. Safety Officer, International Chemical & Nuclear Corp, Burbank, CA to Director, Region V, US AEC, Berkeley, CA re: receipt of AEC ltr of 11/18/68 granting permission for decontamination operations. (9 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
337.	12/02/68	Memo to AEC File from JRMETZGER, US AEC, Rad. Specialist re: US Nuclear Corp., Burbank, CA, License-SNM-1002 Evaluation of Procedures Dated Nov, 26, 1968. (1 pg)
338.	12/12/68	ALBaietti, Rad. Control Div., US Nuclear Corp. to Bureau of Radiological Health, Dept. of Public Health, Berkeley, CA re: Renewal of California License #0431-59. (10 pgs)
339.	12/13/68	RCKoch, Asst. to the President, US Nuclear Division of International Chemical & Nuclear Corp. to Director, Region V, Div. of Compliance US AEC, Berkeley, CA re: SNM-1002 and to appointment of ALBAIETTI. (1 pg)
340.	01/30/69	Telefax from CA Dept of Public Health to US AEC, Div. of Compliance, Region V, Berkeley, CA re US Nuclear request to decommission machine tools. (3 pgs)
341.	02/06/69	SKinsman, Chief, CA Bureau of Radiological Health to Br. ALBaietti, International Chemical & Nuclear Corp., Burbank, CA enclosing Amendments to CA Radioactive License No. 0431-70. (8 pgs)
342.	02/19/69	Memo to AEC File from HEBook, US AEC Region V re: US Nuclear Corp., Burbank, CA License #SNM-1002 Meeting and Discussion With ALBaietti January 28 and 31, 1969. (4 pgs)
343.	02/24/69	Memo to AEC File from HEBook, US AEC Region V re: US Nuclear Corp., Burbank, CA, License # SNM-1002 Meeting Between State and AEC on Feb. 10, 1969. (2 pgs)
344.	03/26/69	ALBaietti, Corporate Radiological Control Dir., International Chemical & Nuclear Corp., Irvine, CA to LDLow, Dir., Div. of Compliance, US AEC, Wash DC re: Decommissioning the US Nuclear Facility Burbank, CA. (19 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
345.	07/10/69	MPanic, President, International Chemical & Nuclear Corp., Pasadena, CA to LDLow, US AEC, Div. of Compliance, Wash. DC re: letter of 6/27/69 advising AEC that the Commission licenses GL-324, 20-13235-01 and SNM-1126. (2 pgs)
346.	08/15/69	CJMott, Sr. Health Physicist, State of CA, Dept. of Public Health, Berkeley, CA to US AEC, Director, Region V, Division of Compliance, Berkeley, CA re: International Chemical & Nuclear Corp. request that Bureau of Rad. Health forward comments it may have. (1 pg)



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Christine Yoon Friedman

DATE

MAY 29 1998

PART I. -- INFORMATION RELEASED (See checked boxes)

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **B** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **B** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- This completes NRC's action on your request.

PART I.A -- FEES

- Fees
- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ You will receive a refund for the amount listed. Fees waived.

* See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

APPENDIX B
RECORDS BEING RELEASED IN THEIR ENTIRETY

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	02/22/56	Use of Modified L S - 11 Container As An Encapsulation Shield with attachments (3 pages)
2.	12/21/56	Letter to United States Atomic Energy Commission from Allen M. Goldstein, General Manager, Subject: Data Concerning Anticipated Procedures in Handling Polonium with attachment (3 pages)
3.	12/23/57	Isotopes Specialties Company, Inc. Byproduct Material License (3 pages)
4.	07/01/58	Copy of Isotopes Specialties Company, Inc. Byproduct Material License Supplementary Sheet, Subject: Amendment No. 8 (2 pages)
5.	Undated	Memo Route Slip with a copy of Isotopes Specialties Company, Inc. Administrative Procedures (10 pages)
6.	09/29/58	Draft copy of letter to Isotopes Specialties Company from Mason (2 pages)
7.	09/29/58	Draft copy of letter to Isotopes Specialties Company from Mason with handwritten annotations (5 pages)
8.	Undated	Draft copy of letter to Isotopes Specialties Company from Mason with handwritten annotations (5 pages)
9.	Undated	Draft copy of letter to Isotopes Specialties Company from H. L. Price with handwritten annotations (4 pages)
10.	Undated	Expert System License Evaluation Report for License 04-00580-07 (Isotopes Specialties Company, Incorporated) (4 pages)

11. 04/08/96 Letter to Edgar Bailey, C.H.P., Chief Radiologic Health Branch, Food Drugs & Radiation Safety Division, State Department of Health Services from Ross A. Scarano, Director, Division of Nuclear Materials Safety, with attachments, Subject: Isotopes Specialties Company, Inc. (24 pages)
12. Undated Photocopies of various buildings (7 pages)
13. Undated Form used for terminated NRC Licensee's (2 pages)
14. 08/13/97 Letter to Isotope Specialities File from Dean Chaney, Subject: Isotopes Specialities, Burbank and Glendale, California Site Information (1 page)
15. 10/8/68 To J Roeder from H Book with enclosures (11 pages)
16. 9/6/68 To AEC from R Koch with enclosures (42 pages)



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Christine Yoon Friedman

DATE

JUN 01 1998

PART I. -- INFORMATION RELEASED (See checked boxes)

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **C** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **C** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- This completes NRC's action on your request.

PART I.A -- FEES

- Fees
- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ You will receive a refund for the amount listed. Fees waived.
- * See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell
Russell A. Powell

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

FOIA/PA 98-019

PART II.A -- APPLICABLE EXEMPTIONS

APPENDICES

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
- Exemption 2: The withheld information relates solely to the internal personnel rules and procedures of NRC.
- Exemption 3: The withheld information is specifically exempted from public disclosure by statute indicated.
 - Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
 - Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
 - 41 U.S.C., Section 253(b), subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
 - The information is considered to be confidential business (proprietary) information.
 - The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.790(d)(1).
 - The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.790(d)(2).
- Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
 - Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
 - Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
 - Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
 - (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrongdoing or a violation of NRC requirements from investigators).
 - (C) Disclosure would constitute an unwarranted invasion of personal privacy.
 - (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
 - (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
 - (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- OTHER (Specify)

PART II.B -- DENYING OFFICIALS

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Dr. Malcolm R. Knapp	Acting Director, Office of Nuclear Material Safety and Safeguards	Appendix C1-5	X		
Ellis W. Merschoff	Regional Administrator, RIV	Appendix C6	X		

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

**APPENDIX C
RECORDS BEING WITHHELD IN PART**

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)/EXEMPTIONS</u>
1.	9/12/58	AEC Office Memorandum to C Palmiter from A Brodsky Subject: Polonium MPC's in Urine (1 page) EX. 6
2.	11/4/58	Ltr to AEC from A Goldstein, Isotopes Specialties Company with enclosures (25 pages) EX. 6
3.	12/2/58	Ltr to AEC from P Gill, Isotopes Specialties Company with enclosures (4 pages) EX. 6
4.	8/27/68	Memo to J Roeder from H Book with enclosures (6 pages) EX. 6
5.	10/23/68	Memo to J Roeder from H Book with enclosures (18 pages) EX. 6
6.	3/25/96	Ltr to J Thomson from R Scarano with enclosures (6 pages) EX. 6



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Christine Yoon Friedman

DATE

JUN 03 1998

PART I. -- INFORMATION RELEASED (See checked boxes)

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **D** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **D** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- This completes NRC's action on your request.

PART I.A -- FEES

- Fees
- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ You will receive a refund for the amount listed. Fees waived.
- * See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

FOIA/PA 98-019

NOV 03 1998

PART II.A -- APPLICABLE EXEMPTIONS

APPENDICES
D

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
- Exemption 2: The withheld information relates solely to the internal personnel rules and procedures of NRC.
- Exemption 3: The withheld information is specifically exempted from public disclosure by statute indicated.
 - Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
 - Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
 - 41 U.S.C., Section 253(b), subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
 - The information is considered to be confidential business (proprietary) information.
 - The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.790(d)(1).
 - The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.790(d)(2).
- Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
 - Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
 - Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
 - Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
 - (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrongdoing or a violation of NRC requirements from investigators).
 - (C) Disclosure would constitute an unwarranted invasion of personal privacy.
 - (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
 - (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
 - (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- OTHER (Specify)

PART II.B -- DENYING OFFICIALS

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Ellis W. Merschoff	Regional Administrator, RIV	Appendix D	X		

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

**APPENDIX D
RECORDS WITHHELD IN PART**

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION(PAGE COUNT)/EXEMPTION</u>
1.	8/26/58	USAEC Compliance Inspection Report, Isotopes Specialties Company, Burbank, California, License Nos. 4-580-3 and 7, and Amendments Thereto, 10 CFR 30 (22 pages) EX. 6
2.	3/8/68	J Roeder and H Book, U.S. AEC, Region V, Investigation Interim Report, U.S. Nuclear Corporation, Burbank, California License No. SNM-1002 (25 pages) EX. 6
3.	3/11/68	J Roder and H Book, U.S. AEC, Region V, Investigation: Interim Report, U.S. Nuclear Corporation, Burbank, California License No. SNM-1002 (38 pages) EX. 6
4.	3/2/68	Compliance Investigation Report, U.S. Nuclear Corporation, License No. SNM-1002, Period of Investigation: January 28-30, 1968 (45 pages) EX. 6
5.	2/14/69	Memo to G Roy from H Book, Subject: U.S. Nuclear Corporation, Burbank, California (7 page) EX. 6
6.	3/20/69	Memo to File from J. Metzger, Subject: U.S. Nuclear Corporation, Burbank, California, License No. SNM-1002 Fire Safety Inspection of the U.S. Nuclear Facility Building, Discussion of U.S. Nuclear Status with Regard to Decommissioning the Facility and Shipping Bulk Quantities of SNM (8 pages) EX. 6



RESPONSE TO FREEDOM OF
INFORMATION ACT (FOIA) / PRIVACY
ACT (PA) REQUEST

98-019

5

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Christine Yoon Friedman

DATE

AUG 10 1998

PART I. -- INFORMATION RELEASED

No additional agency records subject to the request have been located.

Requested records are available through another public distribution program. See Comments section.

APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.

APPENDICES Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.

Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.

APPENDICES Agency records subject to the request are enclosed.

Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.

We are continuing to process your request.

See Comments.

PART I.A -- FEES

AMOUNT *

\$ 11.40

You will be billed by NRC for the amount listed.

None. Minimum fee threshold not met.

You will receive a refund for the amount listed.

Fees waived.

* See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

No agency records subject to the request have been located.

Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.

This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

The actual fees for processing your request are:

2 hrs. professional search @ \$35.67 = \$71.34
2 hrs. clerical search @ \$17.39 = \$34.78
3 hrs. SES review @ \$67.09 = \$201.27
14.5 hrs. professional review @ \$35.67 = \$517.08
4 hrs. clerical review @ \$17.39 = \$69.56
Duplication of 1,136 pages @ \$0.20 per page = \$227.20
Total = \$1,121.23
(LESS ADVANCE PAYMENT OF \$1,109.83) = \$11.40

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

(6-1998)

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

98-019

AUG 10 1998

PART II.A -- APPLICABLE EXEMPTIONS

APPENDICES
F

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
- Exemption 2: The withheld information relates solely to the internal personnel rules and procedures of NRC.
- Exemption 3: The withheld information is specifically exempted from public disclosure by statute indicated.
 - Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
 - Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
 - 41 U.S.C., Section 253(b), subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
 - The information is considered to be confidential business (proprietary) information.
 - The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.790(d)(1).
 - The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.790(d)(2).
- Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
 - Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
 - Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
 - Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
 - (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrongdoing or a violation of NRC requirements from investigators).
 - (C) Disclosure would constitute an unwarranted invasion of personal privacy.
 - (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
 - (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
 - (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- OTHER (Specify)

PART II.B -- DENYING OFFICIALS

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Dr. Malcolm R. Knapp	Acting Director, Office of Nuclear Material Safety and Safeguards	Appendix F	<input checked="" type="checkbox"/>		

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

APPENDIX E
RECORDS BEING RELEASED IN THEIR ENTIRETY

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	11/13/68	Letter to G Roy from H Book, Subject: U.S. Nuclear Corporation, Burbank, California, License No. SNM-1002 Telephone Call from Dr. Koch (3 pages)

APPENDIX F
RECORDS BEING WITHHELD IN PART

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)/EXEMPTION</u>
1.	11/28/58	Letter to Atomic Energy Commission from A Goldstein, Isotopes Specialties Company (1 page) RELEASE , attaching drawings (4 pages) EX. 4

MCCUTCHEN

MCCUTCHEN, DOYLE, BROWN & ENERSEN, LLP

April 7, 1998

Direct: (213) 680-6448
dkaskie@mdbe.com

U.S. Nuclear Regulatory Commission
ATTN: Mr. Russell Powell
FOIA Branch Chief
Mail Stop T6D8
Washington, DC 20555

FOI/PA REQUEST

Case No: 98-152
Date Rec'd: 4-10-98
Action Off: Brown
Related Cases: 97-014

Freedom of Information Request

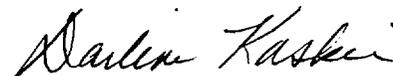
Dear Mr. Powell:

Pursuant to 5 U.S.C. § 552, we are requesting a Freedom of Information request. We need to know if Research Chemicals, whose former address was 170 West Providencia, Burbank, California, was ever terminated. If so, and the agency has a file on this company, we request all reports, reviews, and surveys regarding this site.

I would appreciate your response to this request as soon as possible, and within 20 days as the law provides.

Please send the materials to my attention at the below address using our federal express account 1392-9227-8. Please call me if you have any questions regarding this request.

Sincerely,



Darlene D. Kaskie
Librarian

ATTORNEYS AT LAW

355 South Grand Avenue, Suite 4400
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<http://www.mccutchen.com>

San Francisco
Los Angeles
San Jose
Walnut Creek

Palo Alto
Washington, D.C.
Taipei



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Darlene D. Kaskie

DATE APR 21 1998

PART I. -- INFORMATION RELEASED (See checked boxes)

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **A** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **A** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- This completes NRC's action on your request.

PART I.A -- FEES

- Fees
- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ You will receive a refund for the amount listed. Fees waived.
- * See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell
Russell A. Powell



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Darlene D. Kaskie

DATE **APR 21 1998**

PART I. -- INFORMATION RELEASED (See checked boxes)

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
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- This completes NRC's action on your request.

PART I.A -- FEES

- Fees
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- \$ You will receive a refund for the amount listed. Fees waived.
- * See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell
Russell A. Powell

APPENDIX A
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	02/27/58	Ltr. to AEC from E. Kleber, Research Chemicals re: letter requesting to apply for license (2 pages)
2.	03/11/58	Ltr. to E. Kleber, Research Chemicals from J. Delaney, AEC re: forwarding license to receive possession of thorium-source material (1 page)
3.	11/18/59	Ltr. to E. Kleber, Research Chemicals from L. Johnson, AEC re: discussion of inspection that was conducted on October 16, 1959 (1 page)
4.	10/26/59	Memo to H. Price, AEC from R. Smith, AEC re: forwarding a copy of the report of Research Chemicals' facilities, operations and records (3 pages)
5.	11/14/60	Ltr. to J. Delaney, AEC from E. Kleber, Research Chemicals re: request to renew license (1 page)
6.	11/23/60	Ltr. to E. Kleber, Research Chemicals from J. Delaney, AEC re: November 14, 1960 letter requesting renewal of license (1 page)
7.	12/08/60	Ltr. to W. Cooler, AEC from E. Kleber, Research Chemicals re: discussion of quantitative thorium determination (1 page)
8.	12/27/60	Memo to H. Price, AEC from R. Smith, AEC re: Inspection Report (4 pages)
9.	05/18/61	Ltr. to E. Kleber, Research Chemicals from E. Price, AEC re: Evaluation of the inspection conducted on December 6, 1960 (2 pages)
10.	05/26/61	Ltr. to E. Price, AEC from F. Nathanson, Research Chemicals re: Thank you letter for forwarding information to help Research Chemicals abide by regulations for handling contaminated Radioactive material (1 page)
11.	08/29/61	Ltr. to F. Nathanson, Research Chemicals from E. Price, AEC re: Thank you letter for informing AEC that they would be taking care of deficiencies in their license (1 page)

PROSKAUER ROSE LLP

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Suite 3200
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NEW YORK
WASHINGTON DC
BOCA RATON
CLIFTON NJ
PARIS

Direct Dial 310.284.4588

FOIA/PA REQUEST

Case No: 98-196
Date Rec'd: 5/11/98
Action Off: Brown
Related Cases: 98-151, 98-152

May 7, 1998

Russel Powell
FOIA Privacy Act Officer
United States Nuclear Regulatory Commission
Mail Stop T6D8
Washington, D.C. 20555

Re: Freedom of Information Act Request

Isotope Specialties Company
or
Nuclear Corporation of America -Isotope Specialties Company

- 1. 170 West Providencia Street
Burbank, Calif.
- 2. 703 South Main Street
Burbank, Calif.

Dear Mr. Powell:

This FOIA request is made pursuant to the Freedom of Information Act, 5 U.S.C. 552, ICN. We request access to the following information.

All records of the Atomic Energy Commission and the Nuclear Regulatory Commission for Isotope Specialties Company or its subsequent dba Nuclear Corporation of America -Isotope Specialties Company(NCA-ISC) archived either under the ISC or NCA-ISC business names or filed under its parent corporation - Nuclear Corporation of America or NUCOR Corporation for 170 West Providencia Street, Burbank, Calif. and 703 South Main Street, Burbank, Calif.

It is our understanding that these records have been archived under the following license numbers, although this may not be all inclusive.

PROSKAUER ROSE LLP

Russel Powell and Public Records Office
May 7, 1998
Page 2

LOCATION:

170 West Providencia Street
Burbank, Calif.

Source licenses:

1. C-03544(40-00858)
2. C-05352(40-00858)
3. C-04013(40-02370)

Byproduct licenses:

1. No. 04-00580-01
2. No. 04-00580-02
3. No. 04-00580-03
4. No. 04-00580-04
5. No. 04-00580-05
6. No. 04-00580-06
7. No. 04-00580-07

SECOND LOCATION:

703 South Main Street.
Burbank, Calif.

Source & Byproduct License #s

We were not sure of the license numbers for 703 South Main St., Burbank, Calif..

Thank you for your prompt response to this request. Please direct any copying charges to my attention. If there are any questions regarding this request please call me at 310/284-4588.

Very truly yours,



Daniel Fresquez, B.S., REHS, A.I.H.
Environmental Science Advisor

DF/

PROSKAUER ROSE LLP

Russel Powell and Public Records Office
May 7, 1998
Page 3

cc: Lois Thompson, Esq.
Greg Patterson, Esq.
Christine Friedman, Esq.

LOEB & LOEB LLP

A LIMITED LIABILITY PARTNERSHIP
INCLUDING PROFESSIONAL CORPORATIONS

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1000 WILSHIRE BOULEVARD
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LOS ANGELES, CA 90017-2475

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FAX: 310-282-2192

NEW YORK
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NEW YORK, NY
10154-0037
TEL: 212-407-4000
FAX: 212-407-4990

NASHVILLE
45 MUSIC SQUARE WEST
NASHVILLE, TN
37203-3205
TEL: 615-749-8300
FAX: 615-749-8308

ROME
PIAZZA DIGIONE, 1
00197-ROME
ITALY
TEL: 011-396-808-8456
FAX: 011-396-674-8223

Direct Dial No.
213.688.3490
e-mail: msharp@loeb.com

FOIA/PA REQUEST

Case No: 98-354
Date Rec'd: 9-22-98
Action Of: Brown
Related Case: 98-196

September 17, 1998

Mr. Russell Powell
Freedom of Information Act Officer
Local Public Document Room Branch
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: **Isotopes Specialties Company: Facility Located at
703 South Main Street, Burbank, California 91502**

Dear Mr. Powell:

As you know, this firm represents Mr. Joseph A. Thomson, the current owner of property located at 170 West Providencia Street in Burbank, California. Subsequent to its operations on the Providencia Street property, Isotopes Specialties Company ("ISC") operated at 703 South Main Street in Burbank, California. As it is not clear whether the Nuclear Regulatory Commission ("NRC") maintains records for licensees by address or by license, we are writing this letter in anticipation of the former.

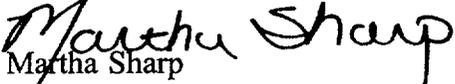
In an effort to locate any records in connection with ISC's operations, Mr. Thomson respectfully requests access to documents in conjunction with the 703 South Main Street property pursuant to the provisions of the Freedom of Information Act, 5 U.S.C. Section 552. Specifically, please provide documentation concerning and licenses issued and/or terminated by the NRC and/or the State of California, any documents produced in the review of the terminated site, and any documents relating to the decommissioning of ISC's facility.

If there are any fees for searching or copying the records requested, please supply the records along with an invoice for the same. If any or all of this request is denied, please cite specific exemptions(s) which justify your refusal to release the information.

Mr. Russell Powell
September 17, 1998
Page 2

Thank you for your cooperation in this matter.

Very truly yours,


Martha Sharp
for Loeb & Loeb LLP

cc: Malissa Hathaway McKeith, Esq.

SIM30651.L02



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

98-354

1

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Martha Sharp

DATE

OCT 27 1998

PART I. -- INFORMATION RELEASED

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES A Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES A Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

AMOUNT *

\$ 50.32



You will be billed by NRC for the amount listed.



You will receive a refund for the amount listed.



None. Minimum fee threshold not met.



Fees waived.

* See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

The actual fees for processing your request are as follows:

Search:	35.67
Review:	8.85
Duplication:	5.80
TOTAL:	50.32

You will be billed by the NRC Division of Accounting in the amount noted above.

Also enclosed are copies of two previous FOIA requests for records related to Isotopes Specialties Company, and the responses to those requests. All released records are maintained in the NRC Public Document Room (PDR) located at 2120 L Street, NW, Washington, DC, 20555. We have enclosed a notice which provides procedures for obtaining records from the NRC PDR.

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

APPENDIX A
RECORDS BEING RELEASED IN THEIR ENTIRETY

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	02/25/57	PGill, Isotopes Specialties, to Attn: HCampbell, Bureau of Explosives, requesting Bureau of Explosives' permission to use specific shipping containers (encl: drawing of NSC-10). (2 pgs)
2.	03/01/57	Western Union Telegram to PGill, Isotopes Specialties Co., from Bureau of Explosives re: Reurlet February 25 reference Drawing NSC-10. (2 pgs)
3.	03/04/57	Western Union Telegram to PGill, Isotopes Specialties Co., from Bureau of Explosives re: Reurlet February 25 BE Permit 415 assigned for container on NSC-10. (1 pg)
4.	03/05/57	Chief Inspector to Isotopes Specialties Co., Inc., to PGill acknowledging letter of 2/25 and telegram of 3/1 requesting approval of containers. (1 pg)
5.	03/22/57	Western Union Telegram to Bureau of Explosives from Isotopes Specialties re two containers shipped. (1 pg)
6.	03/22/57	Western Union Telegram to Isotopes Specialties Co., from Chief Inspector confirming telegram extending permit to cover shipment. (2 pgs)
7.	03/23/57	Western Union Telegram to Bureau of Explosives from Isotopes Specialties re: shipment of container. (1 pg)
8.	04/01/57	Western Union Telegram to Bureau of Explosives from Isotopes Specialties re: shipment of container to customer. (1 pg)
9.	04/02/57	Western Union Telegram to PGill, Isotopes Specialties Co., from Bureau of Explosives re: Permit 415 extension to cover shipment. (2 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE)</u>
10.	04/06/57	Western Union Telegram to Bureau of Explosives from Isotopes specialties Co. re shipment in described container and in conformity to ICC regulations. (1 pg)
11.	04/24/57	Western Union Telegram to Bureau of Explosives from Isotopes Specialties requesting permission to ship source on 4/24/57. (1 pg)
12.	04/24/57	Western Union Telegram to Isotopes Specialties Co., from Chief Inspector confirming his telegram of 4/24/57. (2 pgs)
13.	04/25/57	Western Union Telegram to Bureau of Explosives from Isotopes Specialties re shipment under Permit 415. (1 pg)
14.	06/01/57	Isotopes Specialties Co., to Bureau of Explosives requesting permission to ship container under Permit 415. (1 pg)
15.	06/03/57	Western Union Telegram to Isotopes Specialties Co., from Chief Inspector to confirm his telegram of 6/3/57. (2 pgs)
16.	10/24/57	Isotopes Specialties Co., to PGill, acknowledging Isotopes letter of 10/18 attaching drawing NSC-11. (1 pg)
17.	11/01/57	Western Union Telegram to Bureau of Explosives from Isotopes Specialties Co., informing of shipment under Permit 415. (1 pg)
18.	11/13/57	Western Union Telegram to PGill, Isotopes Specialties Co., re shipment under Permit 415. (2 pgs)
19.	11/14/57	Chief Inspector to Isotopes Specialties Co., to confirm telegram of 11/13 re extension of Permit 415. (1 pg)
20.	01/23/59	PGill, Isotopes Specialties Co., to Bureau of Explosives, Attn: HCampbell, re: making a request for extension of Permit 415. (2 pgs)
21.	01/26/59	Western Union Telegram to PGill, Isotopes Specialties Co., re: Reurlet Jan. 23 BE Permit 415 amended. (1 pg)

98-196

1



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Daniel Fresquez

DATE

AUG 19 1998

PART I. -- INFORMATION RELEASED

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES A Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES A Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

- AMOUNT * You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- \$ You will receive a refund for the amount listed. Fees waived.

* See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

APPENDIX A
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	05/12/55	Letter to Mr. Allen Goldstein, Isotopes Specialties Company from Joseph E. Machurek, Senior Technical Reviewer, Subject: Disposal Service, 2 pages.
2.	10/13/55	Letter to Atomic Energy Commission, Isotopes Division, from Allen M. Goldstein, General Manager, Subject: OIR:JEM, Waste Disposal Service, 3 pages.
3.	11/23/55	Letter to Mr. Allen M. Goldstein, Isotopes Specialties Company, from Joseph E. Machurek, Assistant to the Chief Allocations Branch, Isotopes Division, Subject: Waste Disposal Service, 2 pages.
4.	11/28/55	Letter to Atomic Energy Commission, Attention: Joseph E. Machurek from Allen M. Goldstein, General Manager, Subject: Waste Disposal, 5 pages.
5.	12/13/55	United States Atomic Energy Commission Authorization of Radioisotope Procurement Form AEC-374 for Isotopes Specialties Company, Subject: Radioactive Wastes, 1 page.
6.	02/22/56	Copy of Atomic Energy Commission Application For Byproduct Material License for Isotopes Specialties Company with attachments, Subject: Use of Modified LS, 4 pages.
7.	08/27/56	Letter to Mr. Allen M. Goldstein, Isotopes Specialties Company from Lester R. Rogers, Chief, Byproduct Licensing Branch, Subject: Application for Waste Disposal License, 1 page.
8.	08/28/56	Letter to Atomic Energy Commission, Attention: Lester Rogers, Isotopes Division from Allen M. Goldstein,

General Manager. Subject: Status of Ocean Disposal of Radioactive Waste in California with annotations. 1 page.

9. 09/13/56 Letter to United States Atomic Energy Commission, Attention: Lester R. Rogers, from Allen M. Goldstein, General Manager. Subject: Application for Waste Disposal License with attachment, 2 pages.
10. 12/21/56 Letter to United States Atomic Energy Commission, Attn: James W. Hitch, Assistant Chief, Byproduct Licensing Branch. Subject: Handling of Polonium with attachments, 5 pages.
11. 08/27/57 Retirement record for Isotopes Specialties Company, 1 page.
12. 08/29/57 Letter to Director, Isotopes Extension, Atomic Energy Commission, from Allen M. Goldstein, General Manager, Subject: Renewal of License 4-580-3 with attachment, 3 pages.
13. 09/19/57 Letter to United States Atomic Energy Commission from Allen M. Goldstein, General Manager Subject: Renewal Waste Disposal License with attachment, 3 pages.
14. 10/09/57 Letter to United States Atomic Energy Commission from Allen M. Goldstein, General Manager, Subject: Waste Disposal License Increase with attachment, 5 pages.
15. 10/15/57 Letter to U.S. Atomic Energy Commission, ATT: James W. Hitch, from Allen M. Goldstein, General Manager, Subject: Amendment of Administrative Procedures, 1 page.
16. 10/15/57 Letter to U.S. Atomic Energy Commission, ATT: James W. Hitch, from Allen M. Goldstein, General Manager, Subject: Waste Disposal - Addition to our letter 10/9/57, 1 page.

17. 11/12/57 Letter to U.S. Atomic Energy Commission, ATT: James W. Hitch, from Allen M. Goldstein, General Manager, with attachment, Subject: Waste Disposal License, 5 pages.
18. 11/15/57 Letter to Mr. Allen M. Goldstein, Isotopes Specialties Company from James W. Hitch, Assistant Chief, Byproduct Licensing, with attachments, Subject: Amendment No. 2 to License No 4-580-3, 9 pages.
19. 12/23/57 Copy of Byproduct Material License for Isotopes Specialties Company, Inc., 3 pages.
20. 01/16/58 Letter to Mr. Allen M. Goldstein, Isotopes Specialties Company from Cecil R. Buchanan, Assistant Chief, Subject: Disposal of Radioactive Wastes at Sea, 1 page.
21. Undated Expert System License Evaluation for License No. 04-00580-03, 4 pages.
22. Undated Copy of Memo Route Slip to L. R. Rogers from R. E. Brinkman, Isotopes Branch, with attachment dated 08/20/58, Subject: Procedures Submitted with Application from Isotopes Specialties, 10 pages.
23. Undated Letter to Isotopes Specialties Company, Attention: Dr. A. M. Goldstein from H. L. Price with annotations, Subject: Byproduct Material License Nos. 4-580-3 and 4-580-7, 4 pages.
24. Undated Letter to Isotopes Specialties Company, Attention: Dr. A. M. Goldstein from Mason with annotations, Subject: Byproduct Material License Nos. 4-580-3 and 4-580-7, 5 pages.
25. 09/29/58 Draft Letter to Isotopes Specialties Company, Attention: Dr. A. M. Goldstein from Mason with annotations, Subject: Byproduct Material License Nos. 4-580-3 and 4-580-7, 4 pages.

26. 09/29/58 Letter to Isotopes Specialties Company, Attention: Dr. A. M. Goldstein from Mason, Subject: Byproduct Material License Nos. 4-580-3 and 4-580-7, 2 pages.
27. 07/01/58 Copy of U.S. Atomic Energy Commission Byproduct Material License Supplementary Sheet for Isotopes Specialties Company, Inc., Subject: Amendment No. 2, 2 pages.
28. 01/11/61 Memorandum to A. R. Luedecke, General Manager thru William F. Finan, AGMR&S from H. L. Price, Director, Division of Licensing and Regulation, with attachment Subject: Issuance of Amendment No. 4 to License No. 4-580-6 held by Isotopes Specialties Co., Division of Nuclear Corporation of America, Inc., Docket No. 27-7, 11 pages.
29. 04/13/82 Letter to Donald A. Nussbaumer, Assistant Director, State Agreements Program, from Don D. Honey, Supervising Health Physicist, with attachment, Subject: Status Review on Several Sites in California, 3 pages.
30. Undated Terminated Site Review Work Sheet on Isotopes Specialties Co. License No. 4-580-3, with attachments, 11 pages.
31. 03/25/96 Letter to Joseph A. Thomson from Ross A. Scarano, Director, Division of Nuclear Materials Safety with attachment, Subject: 5 pages.
32. 04/08/96 Letter to Edgar Bailey, C.H.P., Chief, Radiologic Health Branch from Ross A. Scarano with attachments, Subject: Terminated Licenses, 23 pages.
33. Undated Copies of photos of various buildings located adjacent to Isotopes Specialties Company, 7 pages.
34. Undated Expert System License Evaluation Report for License No. 04-00580-03, 8 pages.

35. Undated Expert System License Evaluation Report for License No. 04-00580-07. (4 pages)
36. Undated ORNL Score for License No. 04-00580-03. (2 pages)
37. Undated ORNL Score for License No. 04-00580-07. (2 pages)
38. 01/22/98 Letter to Isotope Specialties File from Dean Chaney, subject: Isotopes Specialties, Burbank and Glendale, California Site Information. (1 page)



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

98-196

2

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Daniel Fresquez

DATE

SEP 22 1998

PART I. -- INFORMATION RELEASED

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **B** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **B** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

AMOUNT *
\$

- You will be billed by NRC for the amount listed.
- None. Minimum fee threshold not met.
- You will receive a refund for the amount listed.
- Fees waived.

* See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

Please note that document B/96 is a copyrighted document and therefore, a copy is not included with this response. The record is available for public inspection in the NRC Public Document Room located at 2120 L Street, NW, Washington, DC 20555.

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell
Russell A. Powell

APPENDIX B
RECORDS BEING RELEASED IN THEIR ENTIRETY

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	11/30/55	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: EEFowler, Isotope Div., re Credit Request C-83. (2 pgs)
2.	03/13/56	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: LRRogers, Isotopes Div. requesting information re the use of Cs-137 for radiographic purposes. (1 pg)
3.	03/16/56	US AEC Byproduct Material License issued to Isotopes Specialties Co. (1 pg)
4.	03/28/56	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN Attn: LRRogers re Labeling of Radiographic Sources. (1 pg)
5.	04/05/56	AMGoldstein, Isotopes Specialties Co., to LRRogers, US AEC, Oak Ridge, TN enclosing radiography source tag as requested. (1 pg)
6.	04/11/56	Note to LRRogers, US AEC from RFBarker, US AEC re Comments on the Isotopes Specialties Tag for Radiographic Sources. (1 pg)
7.	05/03/56	Radioisotope Shipping Document, Oak Ridge National Laboratory, operated for US AEC by Carbide and Carbon Chemicals Co., radioisotope order no 1004-181 to Isotopes Specialties Co., Attn: AMGoldstein. (1 pg)
8.	05/16/56	JLShepherd, Isotopes Specialties Co, to US AEC, Oak Ridge, TN, Attn: LRRogers, Chief, Byproduct Licensing Br. re Radioactive Sources re IEB:LPG. (1 pg)
9.	07/18/56	Isotopes Specialties Co., Inc., shipment/bill of sale to Nuclear Consultants, Inc., Long Island City, NY. (1 pg)
10.	08/27-09/17/56	Isotopes Specialties Co., Inc., shipments/bills of sale to Petro-Tech Service Co., Caracas, Venezuela. (12 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
11.	09/13/56	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN submitting drawings of camera model LSS-1 for comment. (1 pg)
12.	09/21/56	JWHitch, US AEC to JLShepherd, Isotope Specialties Co., to acknowledge receipt of letter of 9/13/56 re request for reduction in price of cobalt irradiated at the MTR Reactor. (1 pg)
13.	10/01-12/26/56	Isotopes Specialties Co., re: shipments/bills of sales to Ethyl Corp., Detroit, MI; Nuclear Consultants, Long Island City, NY. (4 pgs)
14.	10/19/56	AMGoldstein, Isotopes specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch, Asst. Chief, Byproduct Licensing Br. re Camera Model LSS-1, and Special Thulium Source for University of Minnesota. (2 pgs)
15.	11/05/56	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch, Asst. Chief, Byproduct Licensing Br. enclosing drawing of Isotopes Specialties Co. beta source capsule series 90 which the co. wishes to register with AEC. (1 pg)
16.	12/21/56	US AEC Sealed Source Files: Isotopes Specialties Co., Series 80 Sources, Specification Sheet. (4 pgs)
17.	01/03/57	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch, re: replying to subjects discussed in AEC letter of 12/5. (2 pgs)
18.	01/03 - 10/31/57	Isotopes Specialties Co. re: shipments\bills of sales. (6 pgs)
19.	01/03/57	Isotopes Specialties Co. Catalog Sheet No. 113, Shielded Containers for Shipping Carrying, Storage. (2 pgs)
20.	01/21/57	US AEC Sealed Source Files: re telephone call from AGoldstein, Isotopes Specialties Co., re Application No. 3606 from Paul Hardeman Inc., Stanton, CA. (1 pg)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
21.	01/21/57	US AEC Sealed Source Files: call from AGoldstein, Isotopes Specialties, re radiography camera Model LSS-2 which they were selling to a customer. (1 pg)
22.	01/25/57	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: Mr. Jentz, Byproduct Licensing Br., Isotopes Extension re telephone conversation from Mr. Allen Goldstein to your organization. (2 pgs)
23.	01/30/57	US AEC Byproduct Material License No. 4-580-4, Amendment No. 1 issued to Isotopes Specialties Co. (1 pg)
24.	01/30/57	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: Isotopes Div. enclosing samples of revised source tags. (1 pg)
25.	01/31/57	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: Isotopes Div. re Tagging of Radioactive Sources. (1 pg)
26.	02/12/57	JWHitch, US AEC to AMGoldstein, Isotopes Specialties Co., re Tag Design and Requirements of Tagging Radiography Sources. (2 pgs)
27.	03/11/57	US AEC Byproduct Material License No. 4-580-4 issued to Isotopes Specialties Co. (1 pg)
28.	03/27/57	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch, Asst Chief, Byproduct Licensing Br., Isotopes Extension informing that Model LSC-3 and Model LSH-11 cameras are obsolete and there is no intention to sell any more of either. (1 pg)
29.	05/11/57	US AEC notes: "Summary of License Picture at Isotopes Specialties. (1 pg)
30.	07/01/57	Drawing: Isotopes Specialties Co., Rollout Gamma Camera, Model LSS3. (1 pg)
31.	07/10/57	US AEC Byproduct Material License No. 4580-5 issued to Isotopes Specialties Co. (11 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
32.	08/07/57	PGill, Isotopes Specialties Co., to US AEC, Oak Ridge, TN enclosing specifications of an addition to their series of source capsules. (1 pg)
33.	09/18/57	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch re: Telephone conversation 9/18/57, General Electric Co. application to procure isotope source from Robertshaw-Fulton Controls Co. (1 pg)
34.	10/07/57	US AEC Note to File re call from AGoldstein, Isotope Specialties, re hazards of handling wastes. (1 pg)
35.	10/07/57	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JW Hitch re Confirmation telephone conversation 10/7/57. (1pg)
36.	10/10/57	JLShepherd, Isotopes Specialties, to JHitch, US AEC, Oak Ridge, TN (3 pgs)
37.	11/04/57	US AEC Notes to File re call from JLShepherd, Isotopes Specialties Co., concerning application submitted by US Naval Powder Factory for use of Cs 137 source and Co 60 source in Model LSS-2M1. (1 pg)
38.	11/12/97	JLShepherd, Isotopes Specialties Co., to EWright, US AEC, Oak Ridge, TN enclosing drawings covering amount of shielding and design of cameras for US Naval Ordnance Powder Factory at Indian head, MD. (1 pg)
39.	11/20/57	US AEC Notes to File re call from DCunningham, DCA, Washington re Isotopes Specialties, application for waste disposal License Control No. (1 pg)
40.	12/03/57	JWHitch,,, US AEC to AWGoldstein, Isotopes Specialties Co., re Amendment No. 3 to License 4-580-5. (2 pgs)
41.	12/31/57	Isotopes Specialties Co., to US AEC, Oak Ridge National Laboratory, PO Box E, Oak Ridge, TN re return of License No. 4-580-5 as requested by AEC. (1 pg)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
42.	01/17/58	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch, re Procedures for loading capsules for Isotopes Specialties Co. Series 30 capsules-Sources to be used in all LSS-3 series of cameras. (16 pgs)
43.	01/21/58	AMGoldstein, Isotopes Specialties Co., to US AEC, Oak Ridge National Laboratories,, Oak Ridge, TN re Details of Tagging of Radiographic Sources. (4pgs)
44.	01/23/58	JLShepherd, Isotopes Specialties Co., to US AEC, Oak Ridge, TN, Attn: JWHitch, Chief, re changes on drawing numbers included in letter of 1/17/58 describing LSS-3. (1 pg)
45.	01/23/58	AEC Note to Files re call from Shepherd, Isotopes Specialties Co., re drawings sent on 1-16 for LSS-3 camera. (1 pg)
46.	01/24/58	AEC Note to File re call to JLShepherd, Isotopes Specialties Co., re additional information for review of LSS-3 camera. (2 pgs)
47.	01/24/58	JLShepherd, Isotopes Specialties Co., to US AEC, Div., Oak Ridge, TN, Attn: EWright confirming telephone conversation and enclosing radiation profile using an iridium source. (2 pgs)
48.	01/29/58	KHMorganstern, Nuclear Corp. of America, Inc., to US AEC, Isotopes Extension Br., Oak Ridge, TN re AEC letter addressed to the Naval Powder Factory dated 1/20/58 and asking consideration to the request for a license submitted by US Naval Powder Factory. (1 pg)
49.	02/27/58	EVKleber, Research Chemicals, (Subsidiary of Nuclear Corp. of America, Inc.) to US AEC:, appending information requested by form AEC-2 to apply for a license to receive thorium-source material. (2 pgs)
50.	03/11/58	JCDelaney, US AEC to Research Chemicals Inc., Attn: EVKleber issuing license No. C-4013 to receive possession and title to thorium-source material. (1 pg)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
51.	03/17/58	Telephone Call to JShepherd re: Advanced Industrial X-Ray Labs (1 pg)
52.	03/25/58	JLShepherd, Isotopes Specialties, to US AEC, , Attn: JWHitch, re: transmitting information on the LSS-3A. (1 pg)
53.	04/14/58	Isotopes Specialties Co.: Type 65 Source Capsule Specification Sheet. (2 pgs)
54.	04/15/58	AMGoldstein, Isotopes Specialties Co., to US AEC, Attn: JWHitch, Isotopes Extension re New Source Type. (1 pg)
55.	04/22/58	JLShepherd, Isotopes Specialties Co., to US AEC, Attn: JWHitch, re letter 4/11/58 L&R:IB:WOM; Subject: Radiation Label. (1 pg)
56.	05/20/58	Various Specification Sheets and Drawings (80 pgs)
57.	06/03/58	Various Specification Sheets and Drawings (13 pgs)
58.	06/20/58	AMGoldstein, Isotopes Specialties Co., to US AEC, Attn: LRogers re recall of LSS3 rollout cameras. (7 pgs)
59.	08/7-14/58	Various Specification Sheets and Drawings (22 pgs)
60.	08/08/58	AMGoldstein, Isotope Specialties, to US AEC Attn: JWHitch re Camera for US Naval Powder Factory, Indian Head, Md.; our conversation Aug. 5th. (2 pgs)
61.	08/11/58	AEC File: re AGoldstein from RKDickey, : Atomics International-Preliminary report on shield survey. (1 pg)
62.	08/25/58	Ltr. to J. Hitch from A. Goldstein re: enclosing Two sets of specification sheets (1 pg)
63.	09/1-25/58	Various Specification Sheets & Diagrams (5 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
64.	09/05/58	WBMcCool, US AEC to EPrice, US AEC re Information Paper Transmitting Letter From Director, Dept. of Fish and Game, State of CA. (1 pg)
65.	09/05/58	US AEC Record of Office Visit From AGoldstein, Nuclear Corp. of America, re Goldstein's inquiry as to what information was still needed to approve his LSS-3 series cameras. (2 pgs)
66.	09/08/58	JWHitch, Isotopes Branch, US AEC, re Specifications on Sealed Source Design. (2 pgs)
67.	09/19/58	AMGoldstein, Isotopes Specialties Co., to US AEC Attn: PGanz enclosing specification sheet & drawing for Type 42 gamma source capsule. (3 pgs)
68.	09/21/58	AMGoldstein, Isotopes Specialties Co., to US AEC, Attn: Mr. Ginz, answering questions brought up during recent visit to your office. (2 pgs)
69.	09/22/58	RNDonelson, Isotopes Specialties Co. to US AEC, Byproduct Material Licensing, Attn: PGinz enclosing drawing 1144. (1 pg)
70.	10/21/58	WOMiller, Isotopes Branch, US AEC to AMGoldstein, Isotopes Specialties Co., re Series LSS3 Radiography Carneras. (3 pgs)
71.	11/10/58	Ltr. to P. Ginz from R. Donelson re: two copies of Specification Sheets & Drawings (6 pgs)
72.	11/12-20/58	Various Specification Sheets & Drawings (10 pgs)
73.	11/14/58	Isotopes Specialties Co., "Instructions for Use of LSS2 Cameras, Description." (3 pgs & 1 drawing)
74.	11/21/58	Isotopes Specialties So., to US AEC, Attn: ERPrice, re Your Letter 10-20-58 received at ISC 10-22-58 - AEC Byproduct Material License Nos. 4-580-3 and 4-580-7. (20 pgs)
75.	12/02/58	RNDonelson, Isotopes Specialties Co., US AEC, Attn: Mr. Ginz enclosing Specification sheets for Type 65 capsule. (5 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
76.	12/02/58	Ltr. to R. Brinkman from P. Gill re: six day training course (4 pgs)
77.	01/05/59	RNDonelson, Isotopes Specialties Co., to US AEC enclosing Type 38 and 39 specifications and drawings. (1 pg)
78.	01/05/59	RNDonelson, Chief Engineer, Isotopes Specialties Co., to US AEC Isotopes Branch, Div. of Licensing and Regulation, Washington, DC enclosing Type 38 specifications and drawings. (1 pg)
79.	01/08/59	AMGoldstein, Isotopes Specialties Co., to US AEC, Attn: Licensing Div., re HQuick of Nuclear Corp. Isotope's Type 1030 Gamma Source. (1 pg)
80.	01/13/59	RNDonelson, Isotopes Specialties Co., to US AEC, enclosing specification sheets and drawings for Type 68 and type 1032. (1 pg)
81.	01/24/59	AMGoldstein,, Isotopes Specialties Co., to US AEC, Attn: Mr. Miller re telephone conversation re ISC Source Types 38 and 39. (2 pgs)
82.	01/26/59	RNDonelson,, Isotopes Specialties Co., to US AEC, Attn: Sr. Reviewer,, re 12/17/58 REBrinkman letter to Isotopes Specialties Co. stating receipt of an application from Dr. GMBrownell of Winnipeg, Canada. (1 pg)
83.	02/12/59	Various Specification Sheets & Drawings (22 pgs)
84.	03/02/59	Sealed Source Summary Sheets (12 pgs)
85.	04/23/59	RNDonelson , Isotopes Specialties Co., to US AEC, Attn: HLPrice, Dir., re L&R:IB:RLH Docket No 27-7, License No. 4-580-6, Our letter April 18, 1959 enclosing List and ISC Drawings. (4 pgs and 4 drawings)
86.	05/01/59	RNDonelson,, Isotopes Specialties Co., to US AEC, Attn: Byproduct Material Licensing enclosing Type 1033 capsule specifications. (7 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
87.	09/22/59	AAMichaud,, Isotopes Specialties Co., to US AEC, , Attn: WFNischan re Robertshaw-Fulton beta capsule and enclosing drawing no. C-0019-type 30 capsule. (2 pgs)
88.	10/20/59	AJMoses, Isotopes Specialties Co., to US AEC, Attn: Sr. Licensing Examiner, Isotopes Branch, re Registration of Strontium-90 Applicator, Model M-1. (29 pgs)
89.	11/18/59	LJohnson, US AEC to Research Chemicals, Inc., Attn: KVKleber re inspection conducted Oct. 16, 1959 of activities authorized under AEC License No. C-4013. (1 pg)
90.	12/11/59	WOMiller, Isotopes Br., to AJMoses, re: Isotopes Specialties Co. Drawing C-0040 which describes a Strontium 90 applicator, Model M-1.(2 pgs)
91.	04/29/60	WOMiller,, Isotopes Br., US AEC to AJMoses, Isotopes Specialties Co., re letter of 10/20/59 regarding Isotopes Specialties Strontium 90 applicator and AEC request for additional information. (1 pg)
92.	05/03/60	AJMoses, Nuclear Corporation of America, to WOMiller, Isotopes Br., US AEC acknowledging receipt of 4/29 AEC letter inquiring into our intention to manufacture a strontium-90 applicator. (1 pg)
93.	06/02/60	AJMoses, Nuclear Corp. of America, to WOMiller, , Isotopes Br., US AEC re: to your letter of May 27, type 1110-1112 polonium alpha sources are still under development. (11 pgs)
94.	06/07/60	AJMoses, Isotopes Specialties Co., to US AEC Isotopes Br., re proposed source capsule shown in ISC drawing #C-0054. (2 pgs)
95.	06/10/60	Ltr. to AEC from AMoses re: LSS-2 Series Cameras (1 pg)
96.	07/21/60	*JDVaden, Isotopes Specialties Co., to REBrinkman, US AEC, enclosing copies of press releases as requested. (8 pgs)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
97.	08/09/60	WOMiller,, Isotopes Br., US AEC to AJMoses, Isotopes Specialties Co., re receipt of letter from Research Inspection Co., Alhambra, CA stating that Isotopes Specialties will supply sources and requesting information. (1 pg)
98.	08/16/60	KWNewman, Isotopes Specialties Co. to US AEC, Isotopes Br., Attn: WOMiller, replying to request for clarification of sales contract with Research Inspection Co. of Alhambra, CA. (1 pg)
99.	10/17/60	WOMiller, US AEC to Isotopes Specialties Co. Attn: KWNewman, re letter of 8/16/60 re sales contract between Isotopes specialties Co. and Research Inspection Co. of Alhambra, CA. (1 pg)
100.	10/21/60	AJMoses, Isotopes Specialties Co... to Isotopes Br., US AEC, Attn: WOMiller re registration of a source capsule. (3 pgs)
101.	10/25/60	AEC Radiation Safety Br.: Radiation Safety Check Docket #70-482. (2 pgs)
102.	10/28/60	WOMiller, Isotopes Br., US AEC to Isotopes Specialties Co., Attn: JDVaden ref your letter dated 9/6/60re revised operating and servicing manual for Beryrometer Model BEF-2. (26 pgs)
103.	11/14/60	EVKleber, Research Chemicals to JCDelaney, US AEC requesting renewal for material license No. C-4013. (1 pg)
104.	11/23/60	JCDelaney, US AEC to Research Chemicals re renewal of license No. C-4013 and requesting required information. (1 pg)
105.	12/09/60	AJMoses, Isotopes Specialties Co. US AEC, re: Letter dated 10/10/60 re Specific Gravity Gauge and Percent/Solids Gauge. (9 pgs)
106.	12/23/60	Letter hand carried by F. Bauer to WOMiller from Isotopes Specialties Co., AJMoses, to WOMiller, USAEC enclosing info as-requested on Kaiser gage models. (15 pgs)
107.	01/03/61	Incoming Telegram to JRNason, US AEC from JVaden. (1 pg)

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
108.	01/19/61	WOMiller, Isotopes Branch, US AEC to Isotopes Specialties Co., re: manufacture and distribution of Type 1040 sealed sources. (2 pgs)
109.	04/04/61	ANTschaechle, , Isotopes Specialties Co., to US AEC, REBrinkman, re letter of 3/16/61 requesting information and drawing for ISC Type 68 source and enclosing specifications and drawing. (5 pgs)
110.	05/18/61	ERPrice, US AEC to Research Chemicals, Inc. ATTN: EVKleber re inspection conducted on 12/6/60 of activities authorized under AEC License No. C-4013. (2 pgs)
111.	05/26/61	FENathanson, Research Chemicals, to ERPrice, US AEC, thanking him for letter of 5/18 re 40-2370 and enclosures. (1 pg)
112.	08/29/61	ERPrice, US AEC to Research Chemicals, Inc., Attn: FENathanson, re corrections made for deficiencies in Research Chemical's licensed program. (1 pg)
113.	10/25/61	WOMiller, Sr., AEC, from Isotopes Specialties Co., re "Radiation Safety Requirements for Radiographic Operations." (2 pgs)
114.	11/14/61	Isotopes Specialties Sealed Sources sheet. (1 pg)
115.	undated	JLShepherd, Isotopes Specialties Co., Notes: "Series 90 Beta Sources". (1 pg)

98-196

3



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

RESPONSE TYPE FINAL PARTIAL

REQUESTER

Daniel Fresquez

DATE

SEP 24 1998

PART I. - INFORMATION RELEASED

- No additional agency records subject to the request have been located.
- Requested records are available through another public distribution program. See Comments section.
- APPENDICES Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- APPENDICES **D** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- APPENDICES **C, D** Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

AMOUNT *

\$ 14.17

- You will be billed by NRC for the amount listed. None. Minimum fee threshold not met.
- You will receive a refund for the amount listed. Fees waived.

* See comments for details

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- No agency records subject to the request have been located.
- Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

The actual fees for processing your request are as follows:

Search: 5 hours,	\$105.23
Review: 10 hours, 5 minutes	362.30
Duplication: 702 pages	140.40
TOTAL	\$607.93
ADVANCE FEE PAYMENT	593.76
ADDITIONAL FEES DUE	\$ 14.17

Since you have already submitted a fee payment in the amount of \$593.76, you will be billed by the NRC Division of Accounting for the additional fees in the amount of \$14.17.

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell
Russell A. Powell

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

98-196

SEP 24 1998

PART II.A - APPLICABLE EXEMPTIONS

APPENDICES
C

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
- Exemption 2: The withheld information relates solely to the internal personnel rules and procedures of NRC.
- Exemption 3: The withheld information is specifically exempted from public disclosure by statute indicated.
 - Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
 - Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
 - 41 U.S.C., Section 253(b), subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
 - The information is considered to be confidential business (proprietary) information.
 - The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.790(d)(1).
 - The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.790(d)(2).
- Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
 - Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
 - Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
 - Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
 - (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrongdoing or a violation of NRC requirements from investigators).
 - (C) Disclosure would constitute an unwarranted invasion of personal privacy.
 - (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
 - (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
 - (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- OTHER (Specify)

PART II.B - DENYING OFFICIALS

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Carl J. Paperiello	Director, NMSS	Appendix C	<input checked="" type="checkbox"/>		

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST

98-196

SEP 24 1998

PART II.A -- APPLICABLE EXEMPTIONS

APPENDICES

C

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
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 - Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
 - Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
 - 41 U.S.C., Section 253(b), subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
 - The information is considered to be confidential business (proprietary) information.
 - The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.790(d)(1).
 - The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.790(d)(2).
- Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
 - Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
 - Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
 - Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
 - (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrongdoing or a violation of NRC requirements from investigators).
 - (C) Disclosure would constitute an unwarranted invasion of personal privacy.
 - (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
 - (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
 - (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- OTHER (Specify)

PART II.B -- DENYING OFFICIALS

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Carl J. Paperiello	Director, NMSS	Appendix C	✓		

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

**APPENDIX C
RECORD BEING WITHHELD IN PART**

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)/EXEMPTIONS</u>
1.	08/26/56	Inspection Report for Isotopes Specialties Company, conducted by M. M. Mann and Gene Blanc. (4 pages) PORTIONS WITHHELD, EX. 6

**APPENDIX D
RECORDS BEING RELEASED IN THEIR ENTIRETY
(If copyrighted identify with *)**

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	05/17/57	Information on Sources - Isotopes Specialties Co.. (16 pages)
2.	10/26/59	Memo from R. W. Smith to H. L. Price, subject: Research Chemicals, Inc., Burbank, CA. (3 pages)
3.	12/27/60	Memo from R. W. Smith to H. L. Price, subject: Research Chemicals Inc., Burbank, CA. (4 pages)

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE 04-00580-03

Licensee: ISOTOPES SPECIALTIES COMPANY
Site of operation: 703 S. MAIN ST. & 170 WEST PROVIDENCIA, BURBANK, CA

The final ranking for SITE CONTAMINATION is: 416

--Type and form of materials licensed--
Material-- --Form--
ANY BYPRODUCT/1-83 Loose material

--For evaluation purposes, amounts of the following materials were obtained--
Material-- --Form-- --Amount-- --Unit--
ANY BYPRODUCT/1-83 LOOSE 10.00 CI

Rank of the license based on the loose materials licensed: 100

DESCRIPTION OF FIRST SITE AT WHICH 04-00580-03 WAS USED

703 S. MAIN STREET, BURBANK, CALIFORNIA

DESCRIPTION OF SECOND SITE AT WHICH 04-00580-03 WAS USED

170 WEST PROVIDENCIA, BURBANK, CALIFORNIA. AUTHORIZATION TO USE THIS SITE ALSO WAS ISSUED DECEMBER 23, 1957 (SEE AMENDMENT NO. 3). THIS AMENDMENT ALSO EXTENDED THE EXPIRATION DATE TO JANUARY 31, 1958.

1. License was for loose materials, or materials handled loose
2. There was at least one loose material on this license for which the amount remaining was reduced according to the length of the half-life
3. The inclusion of any byproduct material on the license was for the purpose of carrying out a WASTE DISPOSAL operation.
4. There was more than one identifiable site with this license. The final score will be the maximum score for the sites used under this license. Succeeding conclusions will indicate which site
5. Each site (or two groups) will be evaluated, with the assumption that all materials authorized on the license could have been used at each site. The final score will be the maximum of the site scores.

--- continued on next page ---

B/1

6. FIRST SITE: There was no evidence of releases at this site.
Score not changed.
7. FIRST SITE: Some likelihood that building onsite could have been left with contamination. Score=score*1.0

Reviewer's comments concerning potential CONTAMINATION IN HANDLING/TRANSFERRING/STORING LOOSE MATERIAL THE POTENTIAL FOR CONTAMINATION EXISTS.

8. FIRST SITE: Description of activity was inadequate to determine whether outdoor contamination at the site was a likelihood.
No change in score
9. FIRST SITE: There was NO verifiable decontamination of the site at closeout. Score=score*1.2
10. FIRST SITE: Nature/magnitude of operation should cause small turnover of materials Score=score*0.8

Reviewer's comments concerning potential TURNOVER OF MATERIALS

THE LICENSEE WAS AUTHORIZED TO STORE WASTE FOR DISPOSAL IN THE OCEAN AT LEAST 75 MILES FROM SHORE. IN AN APPLICATION DATED AUGUST 3, 1956, THE LICENSEE STATED THAT MATERIAL WOULD BE IN STORAGE LONG ENOUGH TO WARRENT A 75 MILE BOAT TRIP.

11. FIRST SITE: Based on previous answers, the license as used at site is a candidate to use protective clothing, glove boxes, hoods, or a hot cell. The reviewer found no evidence that any of the above were used at this site.
12. FIRST SITE: There was either no documentation of materials disposition or the documentation was inadequate.
Score=score*1.2
13. FIRST SITE: There was NO closeout survey for this site. Score multiplied by 1.8
14. FIRST SITE: There was NOT an NRC FINAL INSPECTION of the facility.
15. SECOND SITE: There was no evidence of releases at this site.
Score not changed.
16. SECOND SITE: Some likelihood that building onsite could have been left with contamination. Score=score*1.0
17. SECOND SITE: Description of activity was inadequate to determine whether outdoor contamination at the site was a likelihood.
No change in score
18. SECOND SITE: There was NO verifiable decontamination of the site at closeout. Score=score*1.2
19. SECOND SITE: Nature/magnitude of operation should cause small turnover of materials Score=score*0.8

--- continued on next page ---

- 20. SECOND SITE: Based on previous answers, the license as used at site is a candidate to use protective clothing, glove boxes, hoods, or a hot cell. The reviewer found no evidence that any of the above were used at this site.
- 21. SECOND SITE: There was either no documentation of materials disposition or the documentation was inadequate.
Score=score*1.2
- 22. SECOND SITE: There was NO closeout survey for this site. Score multiplied by 1.8
- 23. SECOND SITE: There was NOT an NRC FINAL INSPECTION of the facility. Score not changed.

CATEGORY FOR POTENTIAL SITE CONTAMINATION:
HIGHEST PRIORITY-Category 1A

The final ranking for SITE CONTAMINATION is:	416
--	-----

Description of THE LICENSEE ACTIVITY AUTHORIZED by this license

COLLECTION OF BYPRODUCT & SOURCE MATERIAL FROM LICENSED USERS;
PREPARATION FOR DISPOSAL (INCLUDING STORAGE); DISPOSAL OF BYPRODUCT &
SOURCE MATERIAL.

Description of THE USE OF BYPRODUCT MATERIAL under this license

COLLECTION OF BYPRODUCT & SOURCE MATERIAL FROM LICENSED USERS.
PREPARATION FOR DISPOSAL (INCLUDING STORAGE). DISPOSAL OF BYPRODUCT
AND SOURCE MATERIAL.

--- continued on next page ---

The licensee was authorized to collect radioactive waste (any byproduct material atomic number 3-83 inclusive, and source material) from licensed users prepare it for storage in concrete filled drums until disposal at sea became available or the storage facility became overburdened. The waste was transferred from customer's containers to disposal drums. In a letter dated October 13, 1955, solid waste was compacted and liquid waste, in all probability, would be concentrated using an appropriate method before being added to concrete-lined drums.

An inspection or closeout survey seems appropriate since the potential for contamination exists during the transferring and preparation of the waste for storage and final disposal. There is no information in the file to verify that all waste was disposed.

EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 1449, BOX 04

Docket

Licensee: ISOTOPES SPECIALTIES COMPANY

Address: BURBANK, CALIFORNIA

Zip: NoZip

State of operation: CA

Disposition information present: NO DISPOSITION INFORMATION GIVEN

This license was listed as expired on 01/31/58

Remarks:

JOB NUMBER: 1449

BOX NUMBER: 04

Date of last evaluation/revision: 03/16/93

Reviewer: BWK

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE 04-00580-05

Licensee: ISOTOPES SPECIALTIES COMPANY INC
Site of operation: LICENSE'S ADDRESS

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION
The reason for elimination was: SUPERCEDED BY NEW LICENSE

EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 0277, BOX 01

Licensee: ISOTOPES SPECIALTIES COMPANY INC

Docket

Address: BURBANK, CALIFORNIA

Zip:

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field 04-00580-07

State of operation: CA

Site used: LICENSE'S ADDRESS

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks:NOTE ON COVER: MATERIAL COVERED BY LIC #04-00580-07

JOB NUMBER: 0277 BOX NUMBER: 01

B/D

U. S. ATOMIC ENERGY COMMISSION

PRODUCT MATERIAL LICENSE This copy is for your files

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 30, Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose (s) and at the place (s) designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

SUPERSEDED

Licensee		By License Number	
1. Name	Isotopes Specialties Company, Inc. Industrial Department	3. License number	<u>4-580-7</u> 4-580-5
2. Address	703 South Main Street Burbank, California	4. Expiration date	July 31, 1959
		5. Reference No.	4-580-2 4-580-4
6. Byproduct material (element and mass number)	7. Chemical and/or physical form	8. Maximum amount of radioactivity which licensee may possess at any one time	
A. Hydrogen 3 *	A. Any	D. 100 curies	
B. Polonium 210	B. Any	B. 80 curies	
		By License Number <u>4-580-7</u>	

9. Authorized use

PROCESSING FOR REDISTRIBUTION to Atomic Energy Commission licensees. Hydrogen 3 and Sulfur 35 may also be used in RESEARCH AND DEVELOPMENT as defined in Section 11(q) of the Atomic Energy Act of 1954.

CONDITIONS

- 10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
- 11. Byproduct materials to be used by, or under the supervision of, individuals designated by the radioisotope committee, Allen M. Goldstein, Chairman.
- 12. THIS LICENSE SUPERSEDES LICENSE NOS. 4-580-2 AND 4-580-4.
- 13. Written administrative instructions covering appropriate radiological protection phases of operational procedures and establishing responsibility for radiological protection, control, and security of the byproduct material shall be supplied individuals using or having responsibility for use of such material.
- 14. A curie of Iridium 192 is defined as that quantity of activity which presents a radiation intensity of 0.55 roentgens per hour at a distance of one meter.
- 15. * Total amount of Hydrogen 3 (Tritium) procured under this license shall not exceed 100 curies.

SUPERSEDED

(See Page 2)

By License Number

4-580-7

Date July 10, 1957

For the U. S. Atomic Energy Commission



Paul C. Heberold

by

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

B/S

PRODUCT MATERIAL LICENSE

Supplementary Sheet

This copy is for your files

License Number 4-580-5

CONTINUED:

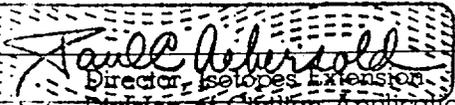
<p>6. Byproduct material (element and mass number)</p> <p>C. Any byproduct material between Atomic Nos. 3-83 inclusive</p>	<p>7. Chemical and/or physical form</p> <p>C. Any</p> <p style="text-align: center;">SUPERSEDED By License Number <u>4-580-7</u></p>	<p>8. Maximum amount of radio-activity which licensee may possess at any one time</p> <p>C. 500 millicuries of any byproduct material between Atomic Nos. 3-83 inclusive, except: Cobalt 60 - 160 curies Thulium 170 - 100 curies Iridium 192 - 80 curies Cesium 137 - 120 curies Sulfur 35 - 175 curies</p>
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CONDITIONS

16. All sealed sources, containing beta and/or gamma emitting byproduct material, manufactured under this license, shall be tested for contamination. Any sources found to have contamination shall be decontaminated and retested prior to being used or transferred to another person. The test shall be sufficiently sensitive to detect the presence of removable contamination in excess of 0.05 microcurie. All sources, other than those excepted below, shall be stored for a period of 30 days after having passed the contamination test, and leak tested. Any source found to be leaking shall be repaired and retested as a new source prior to being used or transferred to another person. The test shall be as sensitive as that required above for the contamination test. Exceptions to the manufacturers leak test are those sources: (1) containing only Iridium 192, Tantalum 182, or gold or nickel plated Cobalt 60, in solid metallic form; (2) transferred to a person who is licensed to perform an equivalent test on the sources, in lieu of this requirement.
17. All sealed sources, containing alpha emitting byproduct material, manufactured under this license, shall be tested for contamination. Any source found to have contamination shall be decontaminated and retested prior to being used or transferred to another person. The test shall be sufficiently sensitive to detect the presence of removable contamination in excess of 0.005 microcurie. All sources shall be stored for at least 7 days after having passed the contamination test, and leak tested. Any source found to be leaking shall be repaired and retested as a new source prior to being used or transferred to another person. All sources shall be tested within 30 days prior to being transferred to other persons, and found to be free from leakage. The test shall be as sensitive as that required above for the contamination test.
18. Byproduct material shall not be used in:
(a) or on human beings.
(b) field applications.

For the U. S. Atomic Energy Commission

Date July 10, 1957


 Director, Isotopes Extension
 Division of Civilian Application
 Oak Ridge, Tennessee

PRODUCT MATERIAL LICENSE

Supplementary Sheet

This Copy is For Your Files

License Number 4-580-5

AMENDMENT NO. 1

OCT 7 1957

Isotopes Specialties Company, Inc.
Industrial Department
703 South Main Street
Burbank, California

Attn: Allen M. Goldstein

In accordance with application dated September 25, 1957, License No. 4-580-5 is amended to add:

CONDITIONS

- 19. Carbon 14 may also be used at Isotopes Specialties Company, 703 S. Main Street, Burbank, California and 170 W. Providencia, Burbank, California.

SUPERSEDED

By License Number

4-580-7

B/4

For the U. S. Atomic Energy Commission

Paul C. Abersold

by

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

Date October 2, 1957

U. S. ATOMIC ENERGY COMMISSION
PRODUCT MATERIAL LICENSE
Supplementary Sheet

THIS COPY IS FOR THE LICENSEE

License Number 4-580-5

AMENDMENT NO. 2

OCT 22 1957

Isotopes Specialties Company, Inc.
Industrial Department
703 South Main Street
Burbank, California

Attn: Allen M. Goldstein

In accordance with application dated September 19, 1957 and telephone call of October 15, 1957, License No. 4-580-5 is hereby amended to add the following:

6. Byproduct material (element and mass number) D. Cesium 137	7. Chemical and/or physical form D. Encapsulated sources	8. Maximum amount of radioactivity which licensee may possess at any one time D. 350 curies
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CONDITIONS

20. Packaged byproduct material wastes may be stored at 170 West Providencia Street, Burbank, California

SUPERSEDED

By License Number

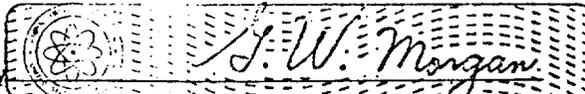
4-580-7

file
AG

D/S

For the U. S. Atomic Energy Commission

Date October 13, 1957

by 
Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

Oak Ridge, Tennessee
December 3, 1957

IEB:CMF (LIC 4-580-5)

Mr. Allen M. Goldstein
General Manager
Isotopes Specialties Co., Inc.
703 South Main Street
Burbank, California

Subject: AMENDMENT NO. 3 TO LICENSE NO. 4-580-5

Dear Mr. Goldstein:

In reference to paragraph 5 of your letter of September 20, 1957 on the manufacturer's leak test of sealed sources, the information contained in Mr. Gene Blanc's letter of October 1, 1956 is essentially correct. Sealed sources containing Tantalum 182, gold or nickel plated Cobalt 60, Iridium 192, Gold 198, and Antimony 124 in a solid metallic form can be exempted from the manufacturer's leak test, in view of the physical characteristics of the isotopes and the relatively short half-lives.

Enclosed you will find Amendment No. 3 to License No. 4-580-5 to include the above radioisotopes in the list that are exempt from the manufacturer's leak test.

If we can be of further service, please feel free to contact us.

Very truly yours,

James W. Hitch, Assistant Chief
Byproduct Licensing
Isotopes Extension
Division of Civilian Application

- Enclosures: *MH*
1. Am. #3, Lic. #4-580-5
2. Fms AEC-313, w/instructions (1 set)
3. CFR: Parts 20 & 30

Ferrell/lg
Isotopes
12-3-57

B/6

OFFICE ▶					
SURNAME ▶	<i>C. M. F.</i>	<i>Hitch</i>			
DATE ▶					

PRODUCT MATERIAL LICENSE

Supplementary Sheet

This copy is for your files

License Number 4-580-5

AMENDMENT NO. 3

Isotopes Specialties Company, Inc.
Industrial Department
703 South Main Street
Burbank, California

Attn: Allen M. Goldstein

In accordance with letter of September 20, 1957, Condition No. 16 of License No. 4-580-5 is hereby amended to add the following:

"Isotopes as exceptions to the manufacturer's leak test of sources in a solid metallic form, Gold 198 and Antimony 124."

SUPERSEDED
By License Number
4-580-7

Date December 3, 1957

For the U. S. Atomic Energy Commission

by James R. Mason

Director, Isotopes Extension
Division of Civilian Application
Oak Ridge, Tennessee

TAGGED COMPOUNDS

ISOTOPES

HEALTH PHYSICS SERVICE

ASSOCIATED EQUIPMENT

AFFILIATED COMPANIES PRODUCTS
SOLD, SERVICED AND GUARANTEED BY
ISOTOPES SPECIALTIES CO., INC. IN
WESTERN UNITED STATES:

NUCLEAR CONSULTANTS, INC.
LONG ISLAND CITY, N. Y.
NUCLEAR CONSULTANTS, INC.
ST. LOUIS, MISSOURI
RESEARCH CHEMICALS
BURBANK, CALIFORNIA
NRD INSTRUMENTS
ST. LOUIS, MISSOURI
NUCOR RESEARCH
FERNDALE, MICHIGAN

ISOTOPES SPECIALTIES COMPANY, INC.

170 West Providencia
Burbank, California
VI. 9-2273

P.O. Box 688

SALES OFFICES:
NUCLEAR CONSULTANTS
CRESCENT STREET, L.I.C., N. Y.
NUCLEAR CORP. MIDCONTINENT SALES DIV.
MANCHESTER ROAD, ST. LOUIS, MISSOURI
ISOTOPES SPECIALTIES CO., INC.
BURBANK, CALIF.

December 31, 1957

Atomic Energy Commission
Isotopes Extension
Division of Civilian Application
Oak Ridge National Laboratory
P.O. Box E
Oak Ridge, Tennessee

Gentlemen:

In compliance with your request contained in your
letter of December 23rd, we are returning herewith AEC
License No. 4-580-5 which has been superseded by No. 4-580-7.

Very truly yours,

Helen Stewart

hb
Encl.

OK mg



isotopes specialties company

p. o. box 688 • 170 west providencia • burbank, california

twx brb 9831

victoria 9-2273 burbank
state 2-3000 chicago
locust 8-0124 philadelphia
plaza 8-0700 n. y.

September 21 1958

sales offices:

p.o. box 90
glen ellyn, ill.
p.o. box 1797
philadelphia 5; pa.

Atomic Energy Commission
By-Product Licensing Div.
Washington 25, D. C.

ATTENTION: MR. GINZ

Dear Mr. Ginz:

Answering questions brought up during my recent
visit to your office:

1. Regarding LSS3 cameras:
 - (a) Visibility of indicator lights is 17 feet in bright sun with difficulty or approximately 12 feet in bright sun easily.
 - (b) Regarding removal of source in the field, bolts (No. 14, our Dwg. A1024) will in all cameras of this type delivered in the future be tack welded in place. Two cameras of this type delivered prior to this time are so constructed that bolts can be removed by a field man with ordinary tools and source can then be withdrawn to the edge of the shield but not beyond the rim-edge due to a restriction in the tube. Withdrawal of the source to this point, however, will create a beam out of the rear end of the camera. Source cannot, however, be detached from the camera with ordinary tools.
 - (c) Regarding cable length, standard cable length of this camera is 25 feet for the source extension tube and 25 feet for the gear box.
2. Basis for radiation profile about LSS shield (our ISC Dwg. A-1026, our ltr. 1-24-58) is 20 curies of Ir-192 in LSS3A as noted. Profile for LSS3B loaded with 5 curies Co-60 was not included as stated in the letter since radiation has been computed only and such a shield has not yet been built.
3. Regarding your request for a wiring diagram of the light system of ISC LSS3 shields, this will be forthcoming shortly.

I believe that this covers all the questions raised.

a division of nuclear corporation of america



AEC

-2-

9-22-58

If I have missed any, please let me know.

Yours very truly,

Allen M. Goldstein
President

hb
Encl. (Dwg. A1024)

Dupl.

1717 H Street, NW

DLR/IB:LPG

October 21, 1958

Dr. Allen M. Goldstein, President
Isotopes Specialties Company
P. O. Box 688
Burbank, California

Subject: SERIES LSS3 RADIOGRAPHY CAMERAS

Dear Dr. Goldstein:

Thank you for your letter dated September 21, 1958, providing additional information on your Series LSS3 Radiography Cameras.

As discussed with you during a recent visit, we have begun compiling information on sealed sources and devices on "Summary Sheets". We have thoroughly checked our files and attempted to compile all of the pertinent information regarding your Series LSS3 cameras on the summary sheets. We are enclosing copies of these sheets, and request that you look them over and determine if the information which we have so far compiled is correct.

In making this compilation we find that there are a number of necessary questions for which we do not have sufficiently definitive answers to make a complete evaluation of these devices. They are as follows:

1. Are the model numbers intended to be LSS3A etc., rather than LSS-3A or LSS-3-A as indicated in previous correspondence?
2. Are the only models presently involved in this series LSS3A, LSS3B, and LSS3BML?
3. What is the minimum shielding for each model? Item 6 of your letter of January 24, 1958 indicates that minimum shielding for the Model LSS3A is 5.8" of lead; however, from Drawing No. A-1026, it appears that the minimum shielding could not be more than 5-3/8" of lead. Since the drawing is not to scale and is not adequately dimensioned it is not possible to determine that even this is the minimum shielding.

4. ~~Are Models LSS3A and LSS3B always mounted on a hand cart? If they are not, it will be necessary to assign separate model numbers to each~~

OFFICE ▶

SURNAME ▶

DATE ▶

B/9

type of mounting. In either case, a complete description of the mounting should be provided.

5. Do you wish to register the Model LSS3BM1 as an unmounted unit? If so, it will be necessary for each of your customers to completely describe the mounting which they will provide for the unit.
6. In general, all drawings are not sufficiently detailed to provide the necessary information for evaluating these devices. As previously explained, we require details on materials of construction, dimensions, tolerances, and techniques of assembly. As an example, Drawing A-1026 does not provide information on the method of joining the sections of the shell, the supporting mechanism, or the method of connecting the flexible tubing to the S tube. Also, Drawing No. A-1024 provides essentially no details as to materials, dimensions, or method of joining.
7. We are also interested in the details of the cable drive mechanism and its connection to the rest of the camera. The description of the mechanism can probably best be accomplished by referring to a teleflex catalog number and description. Any custom modification, such as the mounting of the micro-switch, should be described in detail.
8. Please describe the method of connecting the source disconnect and cable stop to the drive cable. We presume these are joined by silver soldering, the same as the source and other half of the disconnect to the source cable. In such cases, we do not consider this method adequate for a steel cable. Some recent information has come to our attention indicating that a carbon steel cable, after having been heated, will not adequately withstand repeated flexing.
9. Complete details are requested on the flexible tubing including; material, method of construction, and results of prototype tests indicating the extent of normal use and abuse which the cable will withstand. Also, details of the method of attaching the cable to the various components of the unit is requested. Again, if this is a standard teleflex product it maybe described by reference to their catalog.
10. Please clarify whether Drawing No. A-1023, and the related explanation sheet entitled "Sources to be Used in All LSS-3 Series of Cameras", has been superseded by the drawings and specification sheets on your Models 150, 151, and 152 sources. If so, please submit a detailed description of the source cable disconnect.
11. Please describe how and where the labels are attached on each of the cameras.

12. A wiring diagram and a complete description of the electrical components.

OFFICE ▶ making up the source "On-Off" indicator system, as well as their method of attachment, is requested.

SURNAME ▶

DATE ▶

- 13. Is any method provided for securing the source in the camera during transportation. If so, please describe. If not, please clarify ICC's approval of this unit as a shipping container without a method of securing the source.
- 14. Please describe the emergency crank and its attachment to the camera.
- 15. Please submit a revised copy of your instruction manual which accurately describes the final construction of these cameras. It is strongly suggested that annotated drawings or photographs be included in the manual, and that the description of the various parts be adequately related to such drawings or photographs.
- 16. Please describe your prototype testing and the results of such tests which demonstrate that each component is designed to withstand the type of use and abuse which it will be likely to receive.
- 17. Please describe the quality control procedures which will be followed to assure that each unit meets the minimum standards set for the prototype.

Upon receipt of the above requested information, we shall continue our review of these devices.

Very truly yours,

William G. Miller
 Senior Licensing Reviewer
 Isotopes Branch
 Division of Licensing and Regulation

OFFICE ▶	ISOTOPES	ISOTOPES			
SURNAME ▶	<i>LPG</i> LPGintz:cam	Miller			
DATE ▶	10/22/58	<i>WGM</i>			

EXPERT SYSTEM LICENSE EVALUATION
 REPORT FOR LICENSE 04-00580-07

NAME OF LICENSEE: ISOTOPES SPECIALTIES COMPANY, INCORPORATED
 LISTED SITE: 170 WEST PROVIDENCIA, BURBANK, CALIFORNIA

--- TYPE OF ACTIVITY OR FACILITY: COMMERCIAL LABORATORY - RESEARCH

DESCRIPTION OF FIRST SITE AT WHICH 04-00580-07 WAS USED
 ISOTOPES SPECIALTIES COMPANY, INCORPORATED
 INDUSTRIAL DEPARTMENT
 170 WEST PROVIDENCIA
 BURBANK, CALIFORNIA

LIC Expired
 1959

Description of LICENSEE ACTIVITY UNDER THIS LICENSE

THE LICENSEE WAS ALLOWED TO PROCESS AND DISTRIBUTE BYPRODUCT MATERIALS TO OTHER LICENSEES. THE LICENSEE WAS ALSO AUTHORIZED TO CONDUCT RESEARCH AND DEVELOPMENT WITH TRITIUM AND SULFUR 35.

----- MATERIALS INFORMATION FOR THIS LICENSE -----

--Information on type and form of materials--

--Authorized Material--

--Form Authorized--

H-3	Loose or Any
PO-210	Loose or Any
ANY BYPRODUCT MATERI	Loose or Any
CO-60	Loose or Any
CS-137	Loose or Any
TM-170	Loose or Any
IR-192	Loose or Any
S-35	Loose or Any
SB-124	Loose or Any

AMOUNT OR ACTIVITY OF MATERIALS

---Material---

-SEALED OR LOOSE-- POSS. LIMIT

Unit

Initial score 7568

H-3	LOOSE	100.00	CI	
ANY BYPRODUCT MATL	LOOSE	500.00	CI	SCORE FOR MATL: 373.6
CO-60	LOOSE	2000.00	CI	SCORE FOR MATL: 37.6
CS-137	LOOSE	1000.00	CI	SCORE FOR MATL: 101.7
TM-170	LOOSE	100.00	CI	SHORT-LIVED MATERIAL
IR-192	LOOSE	80.00	CI	SHORT-LIVED MATERIAL
S-35	LOOSE	175.00	CI	SHORT-LIVED MATERIAL
SB-124	LOOSE	50.00	CI	SHORT-LIVED MATERIAL

INITIAL SITE SCORE, based on LOOSE material possession limits: 513

B/10

FINAL DECISION FOR LOOSE MATERIALS:

POTENTIAL SITE CONTAMINATION:
HIGHEST PRIORITY FOR REVIEW

The final SCORE for SITE CONTAMINATION is: 7568

SEQUENCE OF RECORDED REASONING

1. Activities under this license involving use of 'any byproduct matl' were not specified clearly. Cannot determine likelihood of hazard.
2. There was at least one loose material on this license for which the amount remaining was reduced according to the length of the half-life
3. There was one identifiable site with this license.
4. FIRST SITE: EVIDENCE IN FILE and knowledge of materials and usage were sufficient to lead the reviewer to suspect building contamination. Score raised by a factor of 1.5
5. FIRST SITE: There was NO verifiable decontamination of the site at closeout. Score=score*1.2
6. FIRST SITE: Description of activity was inadequate to determine whether outdoor contamination at the site was a likelihood. No change in score
7. FIRST SITE: There was insufficient information in file to determine the likelihood of release to atmosphere or to environment from activities at this site.
8. FIRST SITE: There was PROBABLE use of glove boxes, hoods, or protective clothing
9. FIRST SITE: Possible inappropriate disposal or abandonment of contaminated material from glove boxes, hoods, or equipment. Score=score*1.1
10. FIRST SITE: There was possible or limited generation of contaminated material from machinery used in the operation. Score=score*1.2
11. FIRST SITE: Possible inappropriate disposal or abandonment of contaminated material from machinery (cloths, parts, etc).

Score=score*1.1

12. FIRST SITE: There was limited generation of solid waste in the operation. Score=score*1.2
13. FIRST SITE: Some possibility that contaminated solid waste was inappropriately disposed of. Score=score*1.1
14. FIRST SITE: There was limited generation of liquid waste in the operation. Score=score*1.2
15. FIRST SITE: Some possibility that contaminated liquid waste was inappropriately disposed of. Score=score*1.1
16. FIRST SITE: There was SOME indication of possible burial or dumping Score=score*1.5
17. The information available concerning the operations carried out under this license is insufficient to make any judgment of the frequency of turnover for operation. Accordingly the score will not be changed at this point.
18. FIRST SITE: There was either no documentation of materials disposition or the documentation was inadequate. Score=score*1.2
19. FIRST SITE: There was NO closeout survey for this site. Score multiplied by 1.8
20. FIRST SITE: There was NOT an NRC FINAL INSPECTION of the facility. Score not changed.

COMMENTS FOR LICENSE EVALUATION

Reviewer's comments concerning potential BURIAL OF WASTE OR MATERIAL THE COMPANY WAS ALSO A WASTE DISPOSAL COMPANY. THE DISPOSAL OF ALL MATERIALS AND WASTE WERE PROBABLY MADE THRU THIS DIVISION. THE METHOD THE COMPANY USED WAS OCEAN DUMPING.

Description of LICENSEE ACTIVITY UNDER THIS LICENSE

THE LICENSEE WAS ALLOWED TO PROCESS AND DISTRIBUTE BYPRODUCT MATERIALS TO OTHER LICENSEES. THE LICENSEE WAS ALSO AUTHORIZED TO CONDUCT RESEARCH AND DEVELOPMENT WITH TRITIUM AND SULFUR 35.

Reviewer's comments concerning potential TURNOVER OF MATERIALS
THERE WAS NOT ENOUGH INFORMATION IN THE FILE TO DETERMINE THE AMOUNT OF
MATERIAL THAT WAS USED AT ANY ONE TIME. TRITIUM WAS THE ONLT ISOTOPE THAT
WAS LIMITED TO A SPECIFIC AMOUNT. 100 CURIES.

Reviewer's comments concerning potential CONTAMINATION
A DRAFT LETTER WAS INCLUDED IN THE FILE. THIS LETTER INDICATED THAT THE
LICENSEE'S SURVEY EQUIPMENT WAS INOPERABLE FOR 2 MONTHS AND THERE WAS A
HIGH DEGREE OF CESIUM AND POLONIUM CONTAMINATION IN THE LABORATORIES. NO
OTHER DETAILS WERE PROVIDED.

Reviewer's comments concerning potential GENERATION OF WASTE
CLOTHING MAY HAVE BEEN WORN BY THE WORKERS, BUT NO INFORMATION WAS
PROVIDED. NO DISPOSAL METHODS WERE GIVEN BY THE LICENSEE. HEAVY MACHINERY
COULD HAVE BEEN USED IN THE PROCESSING OF THE MATERIALS, BUT NO SPECIFIC
DETAILS WERE PROVIDED. AGAIN, NO DISPOSAL METHODS WERE DESCRIBED. SOLID
AND LIQUID WASTE COULD HAVE BEEN PRODUCED, DEPENDING ON THE KINDS OF
ISOTOPEs THE COMPANY POSSESSED AND WHAT TYPE OF PRODUCT THEY WERE
DISTRIBUTING. NO METHODS OF DISPOSAL WERE GIVEN FOR THE MATERIALS OR THE
WASTE.

- GENERAL COMMENTS ENTERED BY THE REVIEWER CONCERNING THE EVALUATION -
-- THE LICENSEE WAS AUTHORIZED BY PRODUCT MATERIALS FOR USE IN PROCESSING.
-- DISTRIBUTION, RESEARCH, AND DEVELOPMENT. NO INFORMATION WAS PROVIDED AS TO
-- HOW THESE MATERIALS WERE DISPOSED OR WHAT TYPE OF RESEARCH AND DEVELOPMENT
-- WAS CONDUCTED. THE INFORMATION WAS VAGUE.

END OF COMMENTS FOR LICENSE EVALUATION

--- EXPERT SYSTEM EVALUATION WAS BASED ON THE ---
---- FOLLOWING INVENTORY RECORD -----

REGION RESPONSIBLE: V

LICENSEE NAME: ISOTOPEs SPECIALTIES COMPANY, INCORPORATED
STREET ADDRESS: 170 WEST PROVIDENCIA City: BURBANK
FIPS state code (principal operation): CA
Site used: 170 WEST PROVIDENCIA, BURBANK, CALIFORNIA
Disposition information present: NO DISPOSITION INFORMATION GIVEN
This license was listed as expired on 12/31/59

GENERAL INVENTORY RECORD COMMENTS:
BYPRODUCT MATERIAL WAS RESOLD AND USED IN RESEARCH
JOB NUMBER: 1722 BOX NUMBER: 18
OTHER LICENSE NUMBERS IN FILE: 04-00580-03

Date of last evaluation or revision: 08/19/94

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE C-03544

INFORMATION ON EXACT AMOUNTS OF MATL WAS NOT NEEDED TO EVALUATE

THIS LICENSE WAS ELIMINATED FROM CONSIDERATION

The reason for elimination was: SUPERCEDED BY NEW LICENSE

EXPERT SYSTEM EVALUATION WAS BASED ON THE
INVENTORY RECORD IN JOB 0526, BOX 02

Docket 40-00858

Licensee: ISOTOPE SPECIALTIES COMPANY INC

Address: 703 SOUTH MAIN ST., BURBANK, CALIFORNIA Zip:

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field C-05352 ON 11-10-60

State of operation: CA

Site used: LICENSEE'S ADDRESS

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks: LIC. WAS FOR 30 LBS. OF REFINED SOURCE MATER. FOR INCORP. INTO STDS.

JOB NUMBER: 0526 BOX NUMBER: 02

B/11

40-858

9

ISOTOPES SPECIALTIES COMPANY, INC.

703 South Main Street
 Burbank, California
 VI. 9-2273

April 22, 1957

Atomic Energy Commission
 Chief License Branch
 Division of Civil Application

Attention: Lyall Johnson

Dear Sir:

Isotopes Specialties Company requests license to receive possession of and title to 20 lbs. of refined source material for incorporation into radioactive standards. Completed application form is enclosed.

We have been selling standards which incorporate 2g of U_3O_8 per item to serve as standards for measurement of contamination of food and water as recommended by FCDA in Technical Bulletin TB-11-9. We interpreted section 40.62, (c) 3 & 4 of Part 40 of the Federal Register of Jan. 1, 1954, as permitting the transfer of this material to others for the stated uses. If there should be a change in this interpretation we will appreciate hearing from you.

Sincerely,

Philip Gill
 Philip Gill

gl

Encl. Application form.



40-859

FORM AEC-2
(9-55)

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

Form approved by
Budget Bureau No. 38-R0024.

**APPLICATION FOR AEC LICENSE TO
TRANSFER, DELIVER, EXPORT, OR RECEIVE
URANIUM OR THORIUM SOURCE MATERIAL**

Pursuant to Code of Federal Regulations, Title 10—
Atomic Energy, Part 40—Control of Source Material

2. PREVIOUS AEC LICENSE NUMBER, IF ANY.

C-3544

INSTRUCTIONS

File two (2) copies of this application with the U. S. Atomic Energy Commission, 1901 Constitution Ave. NW., Washington 25, D. C. This application may be used for an original license or for the renewal of a license. In the case of a renewal, this application should be received by the Commission on or before 30 days before the expiration of the previous license. Complete blocks 1, 2, 3, 9, and if you combine two or more of the activities of Producer, Processor, Distributor, Exporter, or Consumer, complete each of the applicable blocks numbered 4 through 8.

TO: U. S. Atomic Energy Commission,
1901 Constitution Ave. NW.,
Washington 25, D. C.

1.

NAME
AND
ADDRESS
OF
APPLICANT
(Street,
city,
zone,
state)

Isotopes Specialties Co.
703 S. Main St.
Burbank, California

3. INVENTORY. INVENTORY OF SOURCE MATERIAL, RAW AND REFINED, AS OF 4-18-57 (Specify date of last inventory)

INSTRUCTION.—Include all source material in your possession or under your control, regardless of location. Include any source material you have possession of but which is owned by others, whether or not they are licensees of the Commission. Please specify that part of your inventory which is owned by other persons, listing the names, addresses, and quantities owned by each. Do not include in this inventory any raw source material not yet removed from its place of deposit in nature.

(a) Raw Source Material

DESCRIPTION OF MATERIAL	ESTIMATED PERCENT URANIUM OR THORIUM	QUANTITY IN INVENTORY (Gross tons)	NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM THAT IN BLOCK 1 ABOVE

(b) Refined Source Material

DESCRIPTION OF MATERIAL	GRADE (Comm., CP, USP, etc.)	PERCENT OF URANIUM OR THORIUM	QUANTITY (Lb.)	NAME AND ADDRESS OF OWNER, IF DIFFERENT FROM THAT IN BLOCK 1 ABOVE
U ₃ O ₈	CP	85%	1	

9. CERTIFICATION AND AGREEMENT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION AND AGREEMENT ON BEHALF OF THE APPLICANT (1) CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH CODE OF FEDERAL REGULATIONS, TITLE 11—ATOMIC ENERGY, PART 40—CONTROL OF SOURCE MATERIAL; (2) CERTIFY THAT ALL INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND COMPLETE TO THE BEST OF THEIR KNOWLEDGE AND BELIEF; AND (3) AGREE THAT IN THE EVENT THAT THIS APPLICATION IS APPROVED BY THE ATOMIC ENERGY COMMISSION, AND A LICENSE IS ISSUED, THAT THE DULY AUTHORIZED REPRESENTATIVES OF THE COMMISSION MAY FREELY INSPECT AT ALL REASONABLE TIMES FACILITIES AND RECORDS, TAKE SAMPLES FOR ASSAY, AND DO SUCH OTHER THINGS AS WILL, IN THE OPINION OF THE COMMISSION, ASSURE THAT ALL SOURCE MATERIAL HANDLED BY THE APPLICANT UNDER THE AUTHORITY OF HIS LICENSE, IS PROPERLY ACCOUNTED FOR AND USED.

4-22-57
.....
(Date)

BY Philip Gill
.....
(Signature of applicant)
Asst. to Prof.
.....
(Title)

Section 35 (A) of the United States Criminal Code, 18 U. S. C. Sec. 80, 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.

(FOR GOVERNMENT USE ONLY)

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION
SOURCE MATERIAL LICENSE

LICENSE NO.

AFTER FIVE DAYS RETURN TO

Carl N. Spears
P.O. Box 1287
Yuma, Arizona

858



United States
Atomic Energy Commission
Washington - 25

/ O 5 D D. C.

UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON 25, D. C.

IN REPLY REFER TO:

40-858

SOURCE MATERIAL LICENSE

Isotopes Specialties Co., Inc.
703 South Main Street
Burbank, California

License No. C-3544
Amendment # 1
Dated: APR 30 1957

Attention: Mr. Philip Gill

Gentlemen:

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to thirty (30) pounds of refined source material during the term of this license for incorporation into radioactive standards.

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards For Protection Against Radiation."

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

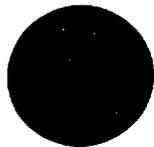
This license shall expire August 1, 1957.

CC: Docket Officer
Document Room
M.M. Mann, Insp. Div.

FOR THE ATOMIC ENERGY COMMISSION



Lyall Johnson
Chief, Licensing Branch
Division of Civilian Application



AFFILIATED COMPANIES PRODUCTS
SOLD, SERVICED AND GUARANTEED BY
ISOTOPES SPECIALTIES CO., INC. IN
WESTERN UNITED STATES:

NUCLEAR CONSULTANTS, INC.
LONG ISLAND CITY, N. Y.

NUCLEAR CONSULTANTS, INC.
ST. LOUIS, MISSOURI

RESEARCH CHEMICALS
BURBANK, CALIFORNIA

NRD INSTRUMENTS
ST. LOUIS, MISSOURI

NUCOR RESEARCH
FERNDALE, MICHIGAN

ISOTOPES SPECIALTIES COMPANY, INC.

170 West Providencia
Burbank, California
VI. 9-2273
P.O. Box 688

SALES OFFICES:
NUCLEAR CONSULTANTS
CRESCENT STREET, L.I.C., N. Y.
NUCLEAR CORP. MIDCONTINENT SALES DIV.
MANCHESTER ROAD, ST. LOUIS, MISSOURI
ISOTOPES SPECIALTIES CO., INC.
BURBANK, CALIF.

January 22, 1958

Atomic Energy Commission
Washington 25, D. C.

ATT: MR. LYALL JOHNSON, Chief
Licensing Branch
Div. Civilian Application

Re: Source Material License
No. C-3544, Amend. 1,
Exp. Date 8/1/57

Dear Sir:

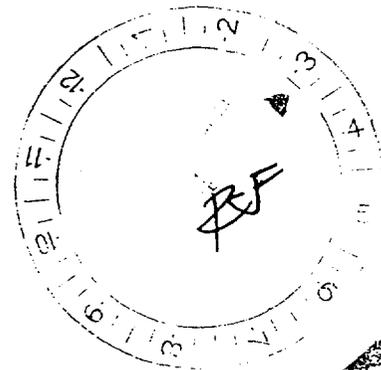
Request is hereby made for extension of expiration date of above license permitting Isotopes Specialties Company to receive possession of 30 pounds of refined source material. To expiration date only 8 pounds of said material was received under said license.

Your action on this request at your earliest convenience would be appreciated.

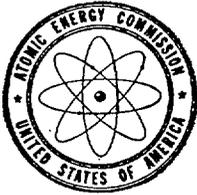
Sincerely yours,

Philip G. Gill
Philip G. Gill

hb



B/14



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

IN REPLY REFER TO:

40-858

IRL:ND

Isotopes Specialties Company, Inc.
170 West Providencia
Burbank, California

Attention: Mr. Philip Gill

Gentlemen:

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to **thirty (30) pounds of source material during the term of this license for incorporation into radioactive standards.**

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards For Protection Against Radiation."

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

This license shall expire **January 31, 1959.**

CC: Docket Officer
Document Room
S/ Health
M.M. Mann, insp.

FOR THE ATOMIC ENERGY COMMISSION

J. C. Delaney
Chief, Materials Section
Licensing Branch
Division of Licensing and Regulation

ms
JCD

B/15

W. B. McCool, Secretary
(THRU Paul F. Foster, General Manager)

Eber Price, Acting Director
Division of Licensing and Regulation

INFORMATION PAPER TRANSMITTING LETTER FROM DIRECTOR, DEPARTMENT OF
FISH AND GAME, STATE OF CALIFORNIA.

SYMBOL: DLR:DAN

It is requested that the attached letter of August 25, from Mr. Seth Gordon, Director, Department of Fish and Game, State of California, be circulated to the Commission with a note substantially as follows:

"Attached for the information of the Commission is a copy of a letter from Mr. Seth Gordon, Director, Department of Fish and Game, State of California, expressing views on the disposal of radioactive wastes in ocean areas adjacent to California.

This letter is in reference to the letter of May 9 from the Director, Division of Licensing and Regulation, to Mr. Gordon, which was circulated to the Commission in Information Paper AEC R 35/2.

Other correspondence between Mr. Gordon and the Director, Division of Licensing and Regulation, pertaining to the disposal of radioactive wastes in the Pacific Ocean and the issuance of a waste disposal license to Isotopes Specialties Co., Inc., has been circulated to the Commission in Information Papers AEC R 35, 35/1, and 35/3."

Enclosure:

Ltr. from Mr. Seth Gordon
dtd 8/25/58.

OFFICE ▶	DLR:RSB	DLR	AGMA	GM		
SURNAME ▶	DAN:lwj:RFB	ERPrice	REHollingsworth	PFFoster		
DATE ▶	9/5/58	9/5/58				

B/1/6
7-4-2

Office Memorandum • UNITED STATES GOVERNMENT

TO : Files

DATE:

FROM : Robert F. Barker, Radiation Safety Branch
Division of Licensing and Regulation

SUBJECT: VISIT TO ISOTOPE SPECIALTIES, BURBANK, CALIFORNIA, JUNE 18, 1958

The main report will be prepared by J. R. Mason, R. Brinkman and Nathan Bassin whom the writer accompanied on the visit.

Initial discussion centered around the proposed use of isotopes by Aerojet in studies of burning rate and strain of rocket propellants. There is to be (1) labeling of the surface, (2) placement of discreet sources in a charge to measure burning rate and (3) sources imbedded to measure strain as a quality control to reduce misfire. More environmental studies may be supplied by Aerojet with a meeting in Washington to resolve final details for approval.

Isotopes Specialties wishes to increase possession limit to 1000 curies because they have such an order. Their hot cell, (concrete on 4 sides with plywood top, vented, exhaust filtered with oiled glasswool) is supposed to handle 400 curies but they do not plan to handle more than 100 at one time. A separate (water or concrete) shield would be used for unloading the 1000 curie shipment prior to reloading in discreet sources. Mixed fission plaques are in plans for research.

Polonium beryllium procedures were reviewed. The polonium in platinum gauze is placed in stainless capsule, the capsule filled with beryllium, press fit cap, heliarced and then decontaminated. It then passes from the 1st dry box into the second (10 to 20% maximum mixing at this stage) where it is heated (in electric furnace inside a gallon can full of paraffin), then nickel coated. They use two leak tests; 1st, place in water and draw vacuum and see if it bubbles; 2nd, an alcohol swipe. The swipe is counted on an electro-scope - usually find well below 0.005 uc. However, it may swipe something.

Goldstein again urged that the AEC set some value and express this as acceptable. The present wording on their license he does not consider satisfactory. Customers may have more sensitive equipment, wipe the source and accuse Isotopes Specialties of making a mistake.

For waste disposal they use 55 gallon drums, most of them with 30 gallon liners, the annulus filled with concrete. Clamp on lids, looks like the I.C.C. specification container. The waste is brought

8/17

SEP 8 1958

in by I.S. on their truck - a pick up with signs (lettering 3 inches high) on the side and a small hoist on the rear. A load, just in, included several loose pieces of (type HM21) magnesium-thorium alloy. Several barrels in storage were marked Mg-Th. Their storage is an open, earthen fill, concrete lined pit about 10 feet deep, 6 feet of the wall is above the ground. It is inside a fenced area and also has 3 strand barbed wire on top of the walls. The door is kept locked and is equipped with an interlock with a buzzer, a light and a second light inside the plant all 3 of which come on when door is opened. A switch beside the door de-energizes the interlock during the time the operator is unloading. In storage the barrels have not been labelled, usually. Also, since the storage is out of doors, wooden and cardboard containers are subject to considerable weathering. A fire in the pit would spread some contamination around although the storage pit itself is fire proof. For final packaging, they mix the solids and loose material with concrete right in the drum.

They do radon breath samples for radium dial workers, regularly. Consultation, analysis and interpretation, all for \$25 per sample. In some cases they have found evidence of mesothorium being present, not pure Radon 226 in the bone. The discussion of the basis for the present radium value indicates the daughters were included in setting the limit. Some scholars disagree.

I.S. is using both locations listed on their licenses at present. The previous building on Main St. is used for storage, some waste is down there, and they will have to do some cleaning to vacate. Information on the move was requested.

CC: Robert Brinkman, L&R

MAR 1 1960

48-438

Republic Corporation of America
170 West Philadelphia
Birmingham, Oklahoma

Attention: Mr. A. A. Richard

Guarantee:

This refers to the inspection conducted on October 14, 1959 of your activities authorized under Air Hygiene Industrial License No. 4-588-6, -7, and -81 and Series Industrial License No. C-3564.

It appears that certain of your activities were not conducted in full compliance with the requirements of the Air Hygiene Act, "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations, in that:

1. The radiation level in the storage yard, where radioactive waste was stored, was such that individuals could receive a radiation dose in excess of 2 mrem in any one hour or 100 mrem in any one week. This is in violation of Section 20.102(d), "Radiation Levels in unrestricted areas."

2. Several containers of radioactive waste were not labeled as required by Section 20.203(f)(1), (f)(2) and (f)(4), "Container signs, labels and signals."

3. Records of the results of surveys conducted at the 703 S. Main location were not maintained as required by Section 20.401, "Records of surveys, radiation monitoring, and disposal."

Reference to the provisions of Section 2.201(a), "Notice of violation," of the Air Hygiene Act, "Title 10, Code of Federal Regulations," you are requested to notify this office, within thirty days of your receipt of this notice, of the steps taken or to be undertaken to achieve correction of the alleged violations, and the date when such correction has been or will be achieved.

Very truly yours,

CC: Inspection Division, Wash.

Inspection Division, SAN

Public Document Room

James R. Mason, Chief

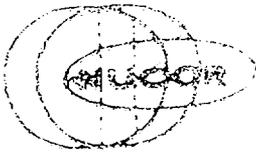
Isotopes Branch

Division of Licensing and Regulation

Enclosures

DATE	2-25-60			
SURNAME	JLJlame:hkm	LRogers	LJohnson	JRMason
OFFICE	DIR:RSB	DIR:RSB	DIR:LB	DIR:IR

B/H/A



nuclear corporation of america

isotopes - speciality services - waste disposal

Victoria 9-727

P.O. Box 688
177 West Providence
Rochester, California

March 17, 1960

Ref. 40-856
dated 1-11-60

REGISTERED - AIRMAIL

Mr. J. R. Mason, Chief
Isotopes Branch
Division of Licensing and Regulation
U. S. Atomic Energy Commission
Washington 25, D. C.

Dear Mr. Mason:

In your letter dated March 11 you referred to an inspection conducted on October 14, 1959 of our facilities. In answer to the three specific situations calling for corrective action we submit the following information:

Your first condition indicates that the radiation level in our storage yard was such that individuals could receive a radiation dose in excess of 2 mrem in any one hour or 100 mrem in any one week. The week immediately following the date of the inspection we required film badges to be worn by all personnel operating in this area. This film badge check has been maintained to date, and at no time have the exposures been up to the limits indicated as a possibility in your first paragraph.

However, our main effort in regard to the storage yard is to reduce the activity by removing it in accordance with our waste disposal license. At the particular time of your Inspector's visit we had definite plans to utilize the services of Coastwise Marine Transport Company. As you know, there have been a number of complications which have rather hampered the operation of this organization. It now appears as though this is in the process of being straightened out. Accordingly, a conference was held with Mr. Robert Boswell, of Coastwise Marine Transport, on this date. He stated that he is in a position to continue his ocean dumping operations, and therefore we have set the date of April 25 as the date to have ready for his pickup a minimum of 100 drums for transport for ultimate ocean disposal. We feel that this minimum

B/19

Mr. J. R. Mason
U.S.A., E.C.

-2-

March 17, 1960

lot of 300 drums will reduce the level accordingly in our backyard.

Also, in connection with this is the status of our waste disposal license. The original application for a transfer of license was made to your office on September 10, 1959. This was subsequently amended to include several packages in addition to those originally requested. To this date we have not had approval of these packages. It would be our hope that we can request expeditious handling of this in order to utilize these packages in our waste disposal timetable. We specifically refer to the large drums covered by written and graphic descriptions.

1. The containers of radioactive waste described in this paragraph of your letter were properly labeled within one week of the visit by your inspectors.
2. Results of the surveys conducted at 708 South Main Street have been gathered in centralized form as evidenced by the data provided your office dated October 20, 1959, November 2, 1959, and March 9, 1960.

In summary, situations covered by your paragraphs 2 and 3 have been taken care of. The situation described in your paragraph 1 has a timetable calling for removal of a substantial amount of activity by April 30. The final level of the level, of course, will be determined by the activity package for disposal. We are not able at this time to pinpoint the level reduction except to say that it will be significant to the extent of reducing the level four during the visit of your inspectors.

Very truly yours,

A. A. McDonald, Vice President
Radioactive Waste Control Commission

AMM:lp

Enclosed for the Commission are two copies of the report.

40-838 ✓

APR 1960

**Nuclear Corporation of America
Isotopes Specialties Company
P. O. Box 688
Burbank, California**

**Attention: Mr. A. A. Michael
Vice President**

Gentlemen:

Thank you for your letter of March 17, 1960, informing us that you have corrected, or will correct, those deficiencies in your licensed program which we brought to your attention in our letter of March 11, 1960. These matters will be reviewed during the next inspection of your facilities.

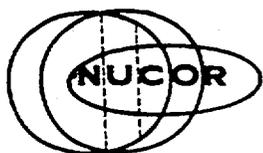
Your cooperation with us is appreciated.

Very truly yours,

**James R. Mason, Chief
Isotopes Branch
Division of Licensing
and Regulation**

cc: Inspection Division, Wash.)
Inspection Division, SAN) w/cpy ltr 3-17060
Public Document Room)

OFFICE ▶	DLR:RSB RGPage:hgs	DLR:RSB LRogers	DLR:IB LJohnson	DLR:IB JRMason	
SURNAME ▶					B/20
DATE ▶	4-5-60				



nuclear corporation of america

isotopes specialties company--division

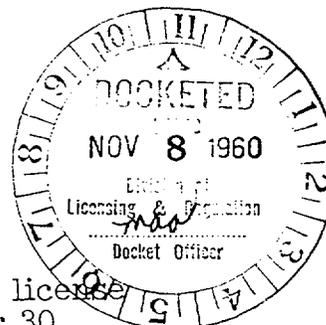
victoria 9-2273

SECRET NO. 40-858

p.o. box 688
170 west providencia
burbank, california

November 4, 1960

Mr. J C. Delaney
Chief, Nuclear Materials Branch
Division of Licensing and Regulation
U. S. Atomic Energy Commission
Washington 25, D. C.



Dear Mr. Delaney:

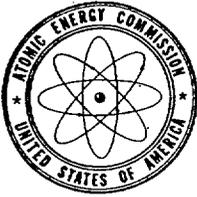
We would like to renew our source material license number C-3544 (or obtain a new license) for 30 pounds of refined non-enriched uranium. We want to use this material in the preparation of radioactive standards.

Very truly yours,

Kenneth W. Newman
Kenneth W. Newman, PhD
General Manager

KWN/cja

B/21



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

IN REPLY REFER TO:

~~10-558~~
~~105-558~~

SOURCE MATERIAL LICENSE

**Nuclear Corporation of America
Isotopes Specialties Company -Division
170 West Providence
Burbank, California**

License No. **C-5352**

Dated:

NOV 1 1950

**Attention: Mr. Kenneth S. Newman
General Manager**

Pursuant to the Atomic Energy Act of 1954 and Section 40.21 of the Code of Federal Regulations, Title 10 - Atomic Energy, Chapter 1, Part 40 - Control of Source Material, you are hereby licensed to receive possession of and title to, at the above stated location, thirty (30) pounds of source material during the term of this license for incorporation into radioactive standards.

You are further licensed to transfer and deliver possession of and title to refined source material to any person licensed by the Atomic Energy Commission, within the limits of his license.

As a condition of this license, you are required to maintain records of your inventories, receipts and transfers of refined source material.

This license is subject to all the provisions of the Atomic Energy Act of 1954 now or hereafter in effect and to all valid rules and regulations of the U. S. Atomic Energy Commission, including 10 CFR 20, "Standards For Protection Against Radiation."

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954.

This license shall expire ~~December 10, 1961.~~

Encl:

- 10 CFR 20
- 10 CFR 20 Eff 1/1/61
- 10 CFR 40
- 10 CFR 40 Proposed

FOR THE ATOMIC ENERGY COMMISSION

CC: Docket Officer
Document Room
S/H
Compl. w/c appl

J. J. Lane
~~J. J. Lane~~
Acting Chief, Nuclear Materials Branch
Division of Licensing & Regulation

Dictator

Approved

W

DDK

B/22

LICENSING BRANCH ROUTE SLIP

DATE: _____

Price, H. L. _____
Kirk, R. L. _____
Price, E. R. _____
Marsh, D. _____
Beck, C. K. _____
Rogers, L. R. _____
Mason, J. R. _____
Teets, S. A. _____
DI&R Mail Room _____

~~1 Johnson, E. E.~~ _____
Fleury, E. R. _____
Edwards, C. T. _____
Borlik, R. F. _____
Karas, F. W. _____
Mason, N. D. _____
Frederick, R. J. _____

~~5 Delaney, J. C.~~ _____
~~4 Lancy, G. H.~~ _____
~~3 McCroder, T. G.~~ _____
~~2 Douglas, H.~~ _____
Gustavson, S. R. _____
Johnson, R. G. _____
Steele, H. _____
Diggs, R. _____
Allen, M. _____
Dersey, H. _____

~~info~~
Please put one
copy in C-3544
suppl only
JEP

From: _____



nuclear corporation of america

isotopes specialties company--division

victoria 9-2273

po box 688
170 west providence
burbank, california

January 13, 1961

BUCKET NO. 70-838

Director
Division of Licensing and Regulation
U. S. Atomic Energy Commission
Washington 25, D. C.

Dear Sir:

We, the undersigned, resign as members of the Isotope Committee of Isotopes Specialties Company, A Division of Nuclear Corporation of America effective as of January 15, 1961.

Please delete our names appearing as users on AEC licenses 4-580-6, 4-580-7, 4-580-8 and C-3544 and on any other license in the name of either Isotopes Specialties Company or Nuclear Corporation of America and as Isotope Committee members on Administrative Procedures associated with such A. E. C. licenses.

Very truly yours,

J. D. Vaden, Secretary
Isotope Committee

A. J. Moses
Chairman

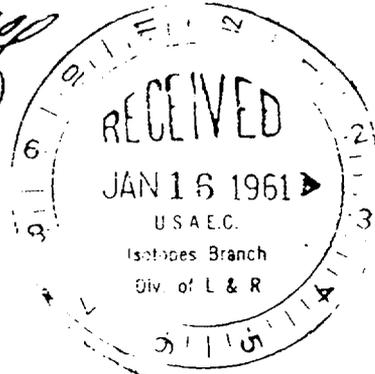
Art Selbel

Carl Minkinen

Kenneth W. Newman

Bob Self

cja/



MAR:EB:RMC (4-580-6, 7, 8,
and 9-5353)

JAN 30 1961

Nuclear Corporation of America, Inc.
Isotopes Special-Isotopes Company Division
170 West Previdenti
Berbath, California.

Gentlemen:

We were advised by telegram dated January 2, 1961 from Mr. John Vidua, Chief Isotopes Special-Isotopes Company, Division of Nuclear Corporation of America, Inc., had been sold to U. S. Nuclear Corporation. Further, by letter dated January 4, 1961, U. S. Nuclear Corporation requested as contents of CI's Memo No. 4-53A1-1 to authorize the de-continuation of the Nuclear Corporation of America, Inc., Isotopes Special-Isotopes Company Division laboratory premises located at 170 West Previdenti, Berbath, California.

From internal communications we understood that another division of your Corporation will continue to occupy these facilities for purposes not covered by A. E. C. Licensing. Nuclear Corporation of America, Inc., Isotopes Special-Isotopes Company Division, as the legal licensee listed in Memo No. 4-530-6, 4-580-7, 4-580-8 and 9-5353, is responsible for any licensed material in the form of radioactive contaminants found to real property at the 170 West Previdenti facilities. Reference is made to our letter of December 13, 1959, regarding the levels of contamination which would be considered as standards at your premises 703 Main Street, Berkeley, California facility (now closed). These standards criteria will also apply to the current situation. Upon completion of any necessary decontamination procedures you are requested to notify this office of the contamination levels which remain in the building.

File in this
docket 40-858

27
B

JAN 30 1961

Esolar Corporation of America, Inc. -2-

Subsequent to satisfactory decontamination of the facilities and disposal of all licensed material in compliance with the Commission's regulations, you may request termination of the referenced license.

Sincerely yours,

**James E. Mason, Chief
Isotopes Branch
Division of Licensing
and Regulation**

**Enclosure:
As stated above**

bcc: SFOO, Compliance

L&R: IB	L&R: IB
Cool:dg	Mason
1/25/61	1/ /61