

Fax Transmission

To: Paul Goldberg Fax Number: (301)-415-5369

From: Kelly Spencer (423) 241-6032

Subject: Isotopes Specialties Evals and 189 Update

Date/Time: February 22, 1996 (3:22pm)

COMMENTS: (13 Pages not including cover)

Paul (and Donna) -

Here is a listing of the files for Isotopes Specialties in California followed by detailed evaluations for 3 of the specific licenses which did not have a zero score. If you would like detailed evaluations of any other licenses, let me know.

Also, about ten minutes after telling you that the 189 was OK and almost through the programs office down here, I got a call saying that the 189 was back for more changes. I guess I should have kept my comments to myself. However, the changes are for the Final document and the preliminary was apparently forwarded on to whomever receives it on your side. I am assuming that the preliminary is sent up to your end and, if approved, the final copy is then issued for everyone's official John Hancock. The changes are mainly for consistency in text and form. Although, C. Pugh did not seem to like the Cost Information on Page 11 and indicated that it needed to be fixed. I think its the confusion over the current task and how that funding affects the future task. I'm not sure how this will change. I'll talk it over with Mary Francis and Robin Spencer (our financial guru) and see if we want to attempt corrections or wait until Elaine gets back. I'll keep you informed as to what we decide.

Kelly

Replies to:

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OAK RIDGE NATIONAL LABORATORY

Oak Ridge National Laboratory, managed by Lockheed Martin Energy Research Corp. for the U.S. Department of Energy under contract number DE-AC05-86OR22464.

9701230217 970116
PDR FOIA
SIEFERT96-448 PDR

FILE MATCHES IN INVENTORY DATA - CURRENT SEARCH IS:

SEARCH PARAMETER ONE: [CA] IN State Code
SEARCH PARAMETER TWO: [ISOTOPES SPEC] IN Licensee name
Search requires RECORD MATCH for BOTH PARAMETERS

1. 04-00580-01 Byproduct matls license
LICENSEE: ISOTOPES SPECIALTIES COMPANY (INDUSTRIAL DEPT.) ADDRESS: 703 SOUTH MAIN STREET
CITY: BURBANK ZIP: SITE OF USE: 703 SOUTH MAIN STREET, BURBANK, CALIFORNIA
REGION: V STATE: CALIFORNIA JOB/BOX: 1722/18 Retirement date: 03/31/58
SUPERCEDED BY: 04-00580-02 FACILITY: SEALED SOURCES MANUFACTUR Site score is zero
Evaluation available Materials Possessed: 1. CO-60 SEALED
2. 04-00580-02 Byproduct matls license LICENSEE: ISOTOPES SPECIALTIES COMPANY
ADDRESS: 703 SOUTH MAIN STREET CITY: BURBANK ZIP:
SITE OF USE: 703 SOUTH MAIN STREET, BURBANK, CALIFORNIA REGION: V STATE: CALIFORNIA
JOB/BOX: 1722/18 Retirement date: 05/31/57 SUPERCEDED BY: 04-00580-05
FACILITY: SEALED SOURCES MANUFACTUR Site score is zero Evaluation available
Materials Possessed: 1. S-35 LOOSE 2. H-3 LOOSE 3. CS-137 LOOSE
4. ANY BYPRODUCT MATERIAL LOOSE 5. IR-192 LOOSE 6. TM-170 LOOSE 7. CO-60 LOOSE
3. 04-00580-03 Byproduct matls license LICENSEE: ISOTOPES SPECIALTIES COMPANY
ADDRESS: 703 SOUTH MAIN STREET CITY: BURBANK ZIP:
SITE OF USE: 703 SOUTH MAIN STREET, BURBANK, CALIFORNIA REGION: V STATE: CALIFORNIA
JOB/BOX: 1722/18 Retirement date: 09/30/57 SITE SCORE: 1492.6 Evaluation available
Materials Possessed: 1. ANY BYPRODUCT MATERIAL LOOSE
4. 04-00580-03 Byproduct matls license LICENSEE: ISOTOPES SPECIALTIES COMPANY
ADDRESS: BURBANK, CALIFORNIA CITY: BURBANK ZIP: NoZip
SITE OF USE: 703 S. MAIN ST., & 170 WEST PROVIDENCIA, BURBANK, CA REGION: V
STATE: CALIFORNIA JOB/BOX: 1449/04 Retirement date: 01/31/58 SITE SCORE: 1492.6
Evaluation available Materials Possessed: 1. ANY BYPRODUCT MATERIAL LOOSE
5. 04-00580-04 Byproduct matls license
LICENSEE: ISOTOPES SPECIALTIES COMPANY, INCORPORATED ADDRESS: 703 SOUTH MAIN STREET
CITY: BURBANK ZIP: SITE OF USE: 703 SOUTH MAIN STREET, BURBANK, CALIFORNIA REGION: V
STATE: CALIFORNIA JOB/BOX: 1722/18 Retirement date: 01/31/59
SUPERCEDED BY: 04-00580-05 FACILITY: SEALED SOURCES MANUFACTUR Site score is zero
Evaluation available Materials Possessed: 1. PO-210 SEALED
6. 04-00580-05 Byproduct matls license LICENSEE: ISOTOPES SPECIALTIES COMPANY INC
ADDRESS: BURBANK, CALIFORNIA CITY: BURBANK ZIP: SITE OF USE: LICENSE'S ADDRESS
REGION: V STATE: CALIFORNIA JOB/BOX: 0277/01 Retirement date: 07/31/59
SUPERCEDED BY: 04-00580-07 Site score is zero Evaluation available
7. 04-00580-07 Byproduct matls license
LICENSEE: ISOTOPES SPECIALTIES COMPANY, INCORPORATED ADDRESS: 170 WEST PROVIDENCIA
CITY: BURBANK ZIP: SITE OF USE: 170 WEST PROVIDENCIA, BURBANK, CALIFORNIA REGION: V
STATE: CALIFORNIA JOB/BOX: 1722/18 Retirement date: 12/31/59
FACILITY: COMMERCIAL LABORATORY - R SITE SCORE: 7567.7 Evaluation available
Materials Possessed: 1. H-3 LOOSE 2. PO-210 LOOSE 3. ANY BYPRODUCT MATERIAL LOOSE
4. CO-60 LOOSE 5. CS-137 LOOSE 6. TM-170 LOOSE 7. IR-192 LOC 8. SB-124 LOOSE
8. C-05352 Source materials license DOCKET: 40-00858
LICENSEE: NUCLEAR CORPORATION OF AMERICA-ISOTOPES SPEC. CO.
ADDRESS: 170 WEST PROVIDENCIA, BURBANK, CALIFORNIA CITY: ZIP:
SITE OF USE: 170 WEST PROVIDENCIA, BURBANK, CALIFORNIA REGION: V STATE: CALIFORNIA
JOB/BOX: 0526/02 Retirement date: 11/30/61 FACILITY: MANUFACTURE/FABRICATION

SITE SCORE: 0.31 Evaluation available Materials Possessed: 1. SOURCE MATERIAL LOOSE

END OF PRINT LISTING FOR THE SEARCH MATCHES

FILE MATCHES IN INVENTORY DATA - CURRENT SEARCH IS:

SEARCH PARAMETER ONE: [CA] IN State Code
SEARCH PARAMETER TWO: [ISOTOPE SPEC] IN Licensee name
Search requires RECORD MATCH for BOTH PARAMETERS

1. C-03544 Source materials license DOCKET: 40-00858
LICENSEE: ISOTOPE SPECIALTIES COMPANY INC
ADDRESS: 703 SOUTH MAIN ST., BURBANK, CALIFORNIA CITY: ZIP:
SITE OF USE: 703 SOUTH MAIN ST., BURBANK, CALIFORNIA REGION: V STATE: CALIFORNIA
JOB/BOX: 0526/02 Retirement date: 01/31/59 SUPERCEDED BY: C-05352 ON
Site score is zero Evaluation available

END OF PRINT LISTING FOR THE SEARCH MATCHES

EXPERT SYSTEM EVALUATION RESULTS FOR LICENSE NUMBER 04-00580-03
CONCLUSION FOR LICENSE/SITE(S): HIGHEST PRIORITY FOR SITE RE-EVALUATION

INVENTORY CONTENTS FOR FIRST INVENTORY RECORD

LICENSE NUMBER: 04-00580-03 ; LICENSEE: ISOTOPES SPECIALTIES COMPANY

Licensee: ISOTOPES SPECIALTIES COMPANY

Address: BURBANK, CALIFORNIA State code: CA

City: BURBANK State(address): CA Zip code: NoZip

LOCATION OF PHYSICAL FILE: JOB NUMBER: 1449 BOX NUMBER: 4

Principal state of operation: CALIFORNIA SUPERVISING REGION: V

Site information in inventory record:

703 S. MAIN ST., & 170 WEST PROVIDENCIA, BURBANK, CA

Disposition info present: NO DISPOSITION INFORMATION WAS GIVEN

The inventory record shows license EXPIRATION DATE as: 01/31/58

THERE WERE NO OTHER LICENSE NUMBERS LISTED AS BEING IN THE SAME FILE

---- GENERAL COMMENTS FOR INVENTORY RECORD ----

ACCORDING TO A LETTER TO THE AEC, THE MATERIAL WAS TO BE STORED, LATER PLACED IN BARRELS, FILLED WITH CONCRETE AND SLURRY, AND PREPARED FOR OCEAN DUMPING.

INVENTORY CONTENTS FOR SECOND INVENTORY RECORD

LICENSE NUMBER: 04-00580-03 ; LICENSEE: ISOTOPES SPECIALTIES COMPANY

Licensee: ISOTOPES SPECIALTIES COMPANY

Address: 703 SOUTH MAIN STREET State code: CA

City: BURBANK State(address): CA Zip code:

Facility type: NUCLEAR SERVICES/WASTE DISPOSAL

LOCATION OF PHYSICAL FILE: JOB NUMBER: 1722 BOX NUMBER: 18

Principal state of operation: CALIFORNIA SUPERVISING REGION: V

Site information in inventory record:

703 SOUTH MAIN STREET, BURBANK, CALIFORNIA

Disposition info present: LICENSEE LETTER STATING DISPOSITION

There was a letter with disposition information recorded in the file

Contents of letter: MATERIAL WAS COLLECTED AND PREPARED FOR OCEAN DUMPING.

There was a definite reference in this file
to practices of disposal, burial, or other dumping

The inventory record shows license EXPIRATION DATE as: 09/30/57

INVENTORY COMMENTS: WASTE DISPOSAL ACTIVITIES WERE CONDUCTED UNDER THIS LICENSE.

Other licenses in same physical file: 04-00580-07

---- GENERAL COMMENTS FOR INVENTORY RECORD ----

ACCORDING TO A LETTER TO THE AEC, THE MATERIAL WAS TO BE STORED, LATER PLACED IN BARRELS, FILLED WITH CONCRETE AND SLURRY, AND PREPARED FOR OCEAN DUMPING.

EXPERT SYSTEM EVALUATION RESULTS

NRC EVALUATION SYSTEM REPORT LICENSE NUMBER: 04-00580-03 02/20/96

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

ISOTOPE SPECIALTIES COMPANY
703 SOUTH MAIN STREET
BURBANK, CALIFORNIA

The following information pertains to the SITE score, which is an evaluation of the likelihood that use of the authorized loose material at one or more sites under this license could have produced contamination, and that such contamination might not be detected using closeout procedures documented in information available at review time

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THIS LICENSE DID RECEIVE A NONZERO SITE SCORE, BASED ON THE
INFORMATION AVAILABLE TO THE REVIEWERS AT EVALUATION TIME

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Materials and Forms Authorized During License Period

ISOTOPE	AUTHORIZED FORM
ANY BYPRODUCT MATERIAL	Loose

△ POSSESSION LIMITS FOR MATERIALS OBTAINED DURING THE EVALUATION:

Authorized Material-	--Form--	-Amount-	Unit (Ci,Gm,Lb)
ANY BYPRODUCT OR ANY	LOOSE	10.00	CI

INITIAL MATERIALS SCORES

The initial site score is based on the nature and possession limits of the authorized loose materials.

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INITIAL LOOSE MATERIALS SCORE COMPUTED FOR THIS LICENSE WAS: : 99.3

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CONCLUSION FOR LICENSE AND SITE(S): HIGHEST PRIORITY FOR SITE RE-EVALUATION
THE FINAL SCORE FOR SITE CONTAMINATION IS: 1493
SITE OR SITES UNDER THIS LICENSE HAVE THE HIGHEST PRIORITY FOR RE-EVALUATION

SYSTEM EVALUATION CONCLUSIONS

1. The inclusion of any byproduct material on the license was for the purpose of carrying out a WASTE DISPOSAL operation.
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: BUILDINGS: File information on activities and materials is too sketchy to make a reasonable guess about building contamination. Score not changed.
5. FIRST SITE: Description of activity was inadequate to determine whether outdoor contamination at the site was a likelihood. No change in score

6. FIRST SITE: There was insufficient information in file to determine the likelihood of release to the atmosphere or to soil or water from activities under this license. Score not changed.
7. FIRST SITE: There was PROBABLE use of glove boxes, hoods, or protective clothing. Change in score depends on subsequent questions.
8. FIRST SITE: Possible inappropriate disposal or abandonment of contaminated material from glove boxes, hoods, or equipment. Score = score * 1.1
9. FIRST SITE: There was possible or limited generation of contaminated material from machinery used in the operation. Score = score * 1.2.
10. FIRST SITE: Possible inappropriate disposal or abandonment of contaminated material from machinery (cloths, parts, etc). Score = score * 1.1
11. FIRST SITE: There was limited generation of solid waste in the operation. Score = score * 1.2
12. FIRST SITE: Some possibility that contaminated solid waste was inappropriately disposed of. Score = score * 1.1
13. FIRST SITE: There was limited generation of liquid waste in the operation. Score = score * 1.2
14. FIRST SITE: File contains information leading the reviewer to conclude that IF LIQUID WASTE WAS GENERATED, disposal through the SEWER SYSTEM was a possibility. Score = score * 1.1
15. FIRST SITE: There was CONCRETE EVIDENCE OF POTENTIALLY SIGNIFICANT BURIAL OR DUMPING at the site. Score = score * 2
16. FIRST SITE: Based on sparse information, the possibility of frequent turnover of materials limits under this license cannot be excluded. Thus, the score is being raised by a factor of 1.1
17. FIRST SITE: There were clearly licensed materials left onsite, or not disposed of properly. Score = score * 1.5
18. FIRST SITE: There was NO closeout survey for this site. Since the current score is above 20, score was multiplied by 1.8
19. FIRST SITE: There was NOT an NRC FINAL INSPECTION of the facility. Score not changed.

ACTIVITIES CARRIED OUT UNDER THE LICENSE

THE COMPANY WAS COLLECTING WASTE MATERIAL FROM OTHER AEC LICENSED USERS FOR DISPOSAL BY OCEAN BURIAL.

REVIEWER'S COMMENTS CONCERNING TURNOVER OF MATERIALS

THERE WAS NO EVIDENCE OF THE TURN OVER RATE, BUT THE IMPRESSION THE REVIEWER HAD WAS THAT THE POSSIBILITY FOR A RAPID TURN OVER RATE EXISTED. THE MATERIAL WAS DISPOSED BY OCEAN BURIAL IN CEMENT FILLED BARRELS.

REVIEWER'S COMMENTS CONCERNING WASTE GENERATION

THERE WAS NO EVIDENCE OF PROTECTIVE CLOTHING BEING WORN, BUT THE REVIEWER ASSUMED THAT THE WORKERS DID WEAR IT. THERE IS A SLIGHT POSSIBILITY THAT THE MATERIALS COULD HAVE BEEN LEFT ONSITE, BUT MORE THAN LIKELY, THE CLOTHING WAS PLACED IN THE DISPOSAL DRUMS AS WELL. THE MACHINERY USED TO HAUL THE MATERIAL TO AND FROM ISOTOPES SPECIALTIES COULD HAVE BEEN CONTAMINATED. SOLID WASTE WAS DEFINITELY PRODUCED BY THIS COMPANY. LIQUID WASTE COULD HAVE ALSO BEEN PRODUCED. THE MATERIAL WAS NOT DISPOSED ON SITE, BUT IN THE OCEAN. THE REVIEWER FELT THAT THIS WAS NOT PROPER DISPOSAL SO THE CHOICE THAT INCREASED THE SCORE THE MOST WAS PICKED.

GENERAL COMMENTS ABOUT THE LICENSE EVALUATION

- THE LICENSEES WAS OPERATING A DISPOSAL FACILITY WHICH ALLOWED THEM TO COLLECT WASTE FROM
- OTHER LICENSEES, PREPARE IT FOR DISPOSAL, AND THEN DISPOSE OF IT IN THE OCEAN. THE
- MATERIAL WAS PACKAGED INTO 55 GALLON DRUMS AND FILLED WITH SLURRY. A LAYER OF CONCRETE
- WAS THEN ADDED TO THE BARREL AND SEALED WITH A RING. THE MATERIAL WAS PLACED ON A SHIP AND
- TAKEN TO THE DESIGNATED DISPOSAL AREA AND DUMPED. THE MATERIALS COULD BE ANY BYPRODUCT
- MATERIAL WITH ATOMIC NUMBER 3-83 AND/OR SOURCE MATERIAL.

THIS CONCLUDES THE REPORT FOR LICENSE NUMBER 04-00580-03

EXPERT SYSTEM EVALUATION RESULTS FOR LICENSE NUMBER 04-00580-07
CONCLUSION FOR LICENSE/SITE(S): HIGHEST PRIORITY FOR SITE RE-EVALUATION

INVENTORY CONTENTS FOR FIRST INVENTORY RECORD

LICENSE NUMBER: 04-00580-07 ; LICENSEE: ISOTOPES SPECIALTIES COMPANY, INCORPORATED

Licensee: ISOTOPES SPECIALTIES COMPANY, INCORPORATED

Address: 170 WEST PROVIDENCIA State code: CA

City: BURBANK State(address): CA Zip code:

Facility type: COMMERCIAL LABORATORY - RESEARCH

LOCATION OF PHYSICAL FILE: JOB NUMBER: 1722 BOX NUMBER: 18

Principal state of operation: CALIFORNIA SUPERVISING REGION: V

Site information in inventory record:

170 WEST PROVIDENCIA, BURBANK, CALIFORNIA

Disposition info present: NO DISPOSITION INFORMATION WAS GIVEN

The inventory record shows license EXPIRATION DATE as: 12/31/59

INVENTORY COMMENTS: BYPRODUCT MATERIAL WAS RESOLD AND USED IN RESEARCH.

Other licenses in same physical file: 04-00580-03

EXPERT SYSTEM EVALUATION RESULTS

DESCRIPTION OF FIRST SITE AT WHICH 04-00580-07 WAS USED

ISOTOPES SPECIALTIES COMPANY, INCORPORATED

INDUSTRIAL DEPARTMENT

170 WEST PROVIDENCIA

BURBANK, CALIFORNIA

The following information pertains to the SITE score, which is an evaluation of the likelihood that use of the authorized loose material at one or more sites under this license could have produced contamination, and that such contamination might not be detected using closeout procedures documented in information available at review time

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THIS LICENSE DID RECEIVE A NONZERO SITE SCORE, BASED ON THE
INFORMATION AVAILABLE TO THE REVIEWERS AT EVALUATION TIME

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Materials and Forms Authorized During License Period

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

△ POSSESSION LIMITS FOR MATERIALS OBTAINED DURING THE EVALUATION:

Authorized Material-	--Form--	-Amount-	Unit (Ci,Gm,Lb)
H-3	LOOSE	100.0	CI
PO-210	LOOSE	80.0	CI
ANY BYPRODUCT MATERI	LOOSE	500.0	CI
CO-60	LOOSE	2000.0	CI
CS-137	LOOSE	1000.0	CI
TM-170	LOOSE	100.0	CI
IR-192	LOOSE	80.0	CI
S-35	LOOSE	175.0	CI
SB-124	LOOSE	50.0	CI

INITIAL MATERIALS SCORES

The initial site score is based on the nature and possession limits of the authorized loose materials.

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The initial loose materials score computed for this license was: : 513

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CONCLUSION FOR LICENSE AND SITE(S): HIGHEST PRIORITY FOR SITE RE-EVALUATION

THE FINAL SCORE FOR SITE CONTAMINATION IS: 7568

SITE OR SITES UNDER THIS LICENSE HAVE THE HIGHEST PRIORITY FOR RE-EVALUATION

SYSTEM EVALUATION CONCLUSIONS

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: BUILDINGS: Information about the facility and knowledge of materials and usage were sufficient to lead the reviewer to strong suspect meaningful contamination for BUILDINGS. Score raised by a factor of 1.5
5. FIRST SITE: There was NO verifiable decontamination of the BUILDINGS onsite 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 the atmosphere or to soil or water from activities under this license. Score not changed.
8. FIRST SITE: There was PROBABLE use of glove boxes, hoods, or protective clothing. Change in score depends on subsequent questions.
9. FIRST SITE: Possible inappropriate disposal or abandonment of contaminated material from glove boxes, hoods, or equipment. Score = score*1.1

NRC EVALUATION SYSTEM REPORT LICENSE NUMBER: 04-00580-07 02/20/96

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: File contains information leading the reviewer to conclude that IF LIQUID WASTE WAS GENERATED, disposal through the SEWER SYSTEM was a possibility. 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. Since the current score is above 20, score was multiplied by 1.8
20. FIRST SITE: There was NOT an NRC FINAL INSPECTION of the facility. Score not changed.

ACTIVITIES CARRIED OUT UNDER THE 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 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 ONLY ISOTOPE THAT WAS LIMITED TO A SPECIFIC AMOUNT, 100 CURIES.

REVIEWER'S COMMENTS REGARDING 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 WASTE GENERATION

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.

REVIEWER'S COMMENTS CONCERNING POTENTIAL BURIAL OR DUMPING

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.

GENERAL COMMENTS ABOUT THE LICENSE 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.

THIS CONCLUDES THE REPORT FOR LICENSE NUMBER 04-00580-07

EXPERT SYSTEM EVALUATION RESULTS FOR LICENSE NUMBER C-05352

INVENTORY CONTENTS FOR FIRST INVENTORY RECORD

LICENSE NUMBER: C-05352 --- DOCKET NUMBER: 40-00858

Licensee: NUCLEAR CORPORATION OF AMERICA-ISOTOPES SPEC. CO.

Address: 170 WEST PROVIDENCIA, BURBANK, CALIFORNIA State code: CA

City: State(address): CA Zip code:

Facility type: MANUFACTURE/FABRICATION

LOCATION OF PHYSICAL FILE: JOB NUMBER: 0526 BOX NUMBER: 2

Principal state of operation: CALIFORNIA SUPERVISING REGION: V

Site information in inventory record:

170 WEST PROVIDENCIA, BURBANK, CALIFORNIA

Disposition info present: NO DISPOSITION INFORMATION WAS GIVEN

The inventory record shows license EXPIRATION DATE as: 11/30/81

INVENTORY COMMENTS: COMPANY WAS SOLD TO U S NUCLEAR CORP. IN EARLY 1961

THERE WERE NO OTHER LICENSE NUMBERS LISTED AS BEING IN THE SAME FILE

EXPERT SYSTEM EVALUATION RESULTS

The following information pertains to the SITE score, which is an evaluation of the likelihood that use of the authorized loose material at one or more sites under this license could have produced contamination, and that such contamination might not be detected using closeout procedures documented in information available at review time

THIS LICENSE DID RECEIVE A NONZERO SITE SCORE, BASED ON THE
INFORMATION AVAILABLE TO THE REVIEWERS AT EVALUATION TIME

Materials and Forms Authorized During License Period

ISOTOPE	AUTHORIZED FORM
SOURCE MATERIAL	Loose

INFORMATION ON POSSESSION LIMITS IS NOT AVAILABLE FOR THIS LICENSE

The initial site score is based on the nature and possession limits of the authorized loose materials.

THE LOOSE MATERIALS FOR THIS LICENSE RECEIVED AN INITIAL SCORE OF: 0.31

SITE CANNOT BE ELIMINATED, LOW ASSESSED LIKELIHOOD FOR SITE CONTAMINATION

The final SITE SCORE for this license is BELOW 1

SYSTEM EVALUATION CONCLUSIONS

License authorization was for loose materials, or materials handled loose, no sealed sources included.

GENERAL COMMENTS ABOUT THE LICENSE EVALUATION

- 703 SOUTH MAIN ST. IN BURBANK, CA. MAY ALSO BE A SITE OF USE OR STORAGE.
- THE AEC LETTER OF 1-30-61 TO THE LICENSEE APPEARS TO APPLY TO THE BYPRODUCT LICENSE (MORE THAN THE SOURCE MATERIAL LICENSE) REGARDING THE SALE OF THE COMPANY TO U.S. NUCLEAR AND
- THE REQUIRED DECONTAMINATION.

THIS CONCLUDES THE REPORT FOR LICENSE NUMBER C-05352



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY

FAX TRANSMITTAL

TO

LOCATION

1. Dean Cheney / Frank Wenslandri WCC FC

FAX # () VERIFICATION ()

2. _____

FAX # () VERIFICATION ()

3. _____

FAX # () VERIFICATION ()

4. _____

FAX # () VERIFICATION ()

COMMENTS.

List of Isotopes Specialties licenses and evaluations, some
of which you have. Note two source material licenses at
Providence address. I'm checking Nuclear Corp. of America, U.S.
Nuclear, and International Chemical and Nuclear just to be sure
we've got all the relevant information.

COVER SHEET PLUS 13 PAGES

FROM:

Paul Goldberg

PHONE:

(301) 415-_____

FAX:

(301) 415-5369

B/1