

MATERIALS LICENSE

Amendment No. 09

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

OFFICIAL RECORD COPY

Licensee

1. Allegheny Laboratories
2. R.D. #2, Box 4-A
Kennerdell, Pennsylvania 16374

In accordance with the letter dated
April 23, 1997,
3. License Number 37-20734-01 is amended in
its entirety to read as follows:

4. Expiration Date April 30, 2001

5. Docket or
Reference No. 030-22013

6. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

A. Iridium 192

A. Sealed radiography
source contained in a
source assembly
registered pursuant to
10 CFR 32.210 or an
equivalent Agreement
State Regulation

A. Not to exceed 100 curies
per source and 1500
curies total except as
specified by Condition
No. 12

B. Cobalt 60

B. Sealed radiography
source contained in a
source assembly
registered pursuant to
10 CFR 32.210 or an
equivalent Agreement
State Regulation

B. Not to exceed 100 curies
per source and 1200
curies total except as
specified by Condition
No. 12

C. Depleted Uranium

C. Metal

C. 999 kilograms

9. Authorized use

A. and B. For use in a compatible radiographic exposure device registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation for performing industrial radiography and in a compatible source changer registered pursuant to 10 CFR 32.210 or an equivalent Agreement State Regulation for source storage and exchange.

C. Shielding material.



CONDITIONS

10. Licensed material may be used at the licensee's facilities at 671 Colbert Avenue, Oil City, Pennsylvania and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

9706240051 970609
PDR ADOCK 03022013
C PDR

ML 10

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-20734-01

Docket or Reference Number

030-22013

Amendment No. 09

11. A. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated August 1, 1983 and letter dated September 30, 1983 and have been designated in writing by the Radiation Safety Officer.
- B. The Radiation Safety Officer for this license is James E. Ostroske, II.
12. The licensee is authorized to receive, possess, and use sealed sources of iridium-192 or cobalt-60 where the radioactivity exceeds the maximum amount of radioactivity specified in this license provided:
 - A. such possession does not exceed the quantity per source specified in Item 8 by more than 20% for iridium-192 or 10% for cobalt-60; and
 - B. records of the licensee show that no more than the maximum amount of radioactivity per source specified in this license was ordered from the supplier or transferor of the byproduct material; and
 - C. the levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in 10 CFR 34.21.
13. A. Notwithstanding the periodic leak test required by 10 CFR 34.25(b), the requirement does not apply to radiography sources that are stored and not being used. The sources excepted from this test shall be tested for leakage before use or transfer to another person. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- B. Sealed sources authorized for a use other than radiography shall be tested for leakage in accordance with 10 CFR 34.25.
14. Notwithstanding the requirements of 10 CFR 34.20(a), and pursuant to 10 CFR 34.51, radiographic equipment authorized for use in radiographic operations under this license need not comply with the torque criteria of Section 8.9.2(c) of American National Standard N432-1980.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. Sealed sources containing licensed material shall not be opened by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-20734-01

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030-22013

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17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated August 1, 1983
- B. Letter dated September 30, 1983
- C. Letter dated October 12, 1994
- D. Letter dated January 3, 1995
- E. Application dated May 1, 1996
- F. Letter dated August 12, 1996

For the U.S. Nuclear Regulatory Commission

ORIGINAL SIGNED BY:

SHERI A. ARREDONDO

By

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

Date

JUN - 9 1997

JUN - 9 1997

James Witherup
President
Allegheny Laboratories
RD #2 Box 4-A
Kennerdell, PA 16374

Dear Mr. Witherup:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

ORIGINAL SIGNED BY:
SHERI A. ARREDONDO

Sheri A. Arredondo
Division of Nuclear Materials Safety

License No. 37-20734-01
Docket No. 030-22013
Control No. 124516

Enclosure:
Amendment No. 09

DOCUMENT NAME: R:\WPS\MLTR\L3720734.01

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/enci "E" = Copy w/ attach/enci "N" = No copy

OFFICE	DNMS/RI	<input checked="checked" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	Arredondo	<i>SA</i>					
DATE	06/06/97		06/ /97	06/ /97	06/ /97	06/ /97	

OFFICIAL RECORD COPY

TELEPHONE CONVERSATION LOG

DATE:

6/6/97

PERSON CALLED:

James Withrup

ORGANIZATION:

Allegheny Labs

TELEPHONE NUMBER:

LICENSE NUMBER:

37-20734-01

CONTROL NUMBER:

124516

PERSON CALLING:

Sheri A. Arredondo
USNRC Region I
475 Allendale Road
King of Prussia, PA 19406

(610) 337-5342
FAX Numbers
(610) 337-5269 or
(610) 337-5234

LICENSEE:

SUMMARY:

Mr. Withrup stated that Mr. James Ostroske is qualified as a radiographer and has been a radiographer for ~ 4 years.

ACTION:

Issue amendment

SIGNATURE:

Sheri Arredondo

DATE:

6/6/97

ALLEGHENY LABORATORIES
RD #2 BOX 4-A
KENNERDELL, PA 16374

030 - 22013

April 23, 1997

Licensing Assistant Section
Nuclear Materials Safety Branch
475 Allendale Road
King of Prussia, PA 19406-1415

Dear Sir,

A license amendment is being submitted for review and approval on this date for the following reasons:

The appointment of James E. Ostroske II as Radiation Safety Officer and Yancy J. Hinton as Radiation Safety Officer Assistant.

Please make the following changes to our license (37-20734-01):

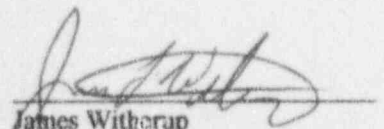
Administrative Procedures Section 3:

1. Add "Radiation Safety Officer Assistant" to the Allegheny Organizational Chart under Radiation Safety Officer.
2. Delete Mr. Michael B. Croghan as Radiation Safety Officer in paragraph 3.1 and add the name of James E. Ostroske II.
3. Add to paragraph 3.1 adjacent to: Radiation Safety Officer (RSO) "Radiation Safety Officer Assistant" (Shall be responsible for those areas specified in Section 3.0 and 3.1 in the temporary absence of the Radiation Safety Officer).
4. Add to paragraph 4.1: Radiation Safety Officer and **Radiation Safety Officer Assistant** shall meet one of the following minimum qualification requirements:

The work history and formal training courses attended of Mr. James E Ostroske II and Mr. Yancy J. Hinton have been included for your review. If there is any further information that you may need, please contact me at 814-385-6601.

Thank you for your attention to this matter.

Sincerely,


James Withorup
President, Allegheny Laboratories

OFFICIAL RECORD COPY ML 10

124516
APR 28 1997

(10-94)
10 CFR 30, 32, 33
34, 35, 36, 39 and 40ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS
INFORMATION COLLECTION REQUEST: 9 HOURS. SUBMITTAL OF THE
APPLICATION IS NECESSARY TO DETERMINE THAT THE APPLICANT IS
QUALIFIED AND THAT ADEQUATE PROCEDURES EXIST TO PROTECT
THE PUBLIC HEALTH AND SAFETY. FORWARD COMMENTS
REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS
MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY
COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE
PAPERWORK REDUCTION PROJECT (3150-0120), OFFICE OF
MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION.
SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. **030-22013**

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

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

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,
SEND APPLICATIONS TO:MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE RD
LISLE, IL 60532-4351ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA,
OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH,
WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED
MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
- ☒ B. AMENDMENT TO LICENSE NUMBER 37-20734-01
- ☐ C. RENEWAL OF LICENSE NUMBER _____

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

Allegheny Laboratories
R.D. #2 Box 4-A
Kennerdell, PA 16374

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

671 Colbert Ave.
Oil City, PA 163744. NAME OF PERSON TO BE CONTACTED ABOUT THIS
APPLICATION

Jim Witherup

TELEPHONE NUMBER

Temporary job sites subject to NRC Regulatory Authority 814-385-6601

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

- a. Element and mass number, b. chemical and/or physical form, and c. maximum amount
-
- which will be possessed at any one time

refer to 37-20734-01

5. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

refer to 37-20734-01

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR
TRAINING EXPERIENCE

refer to 37-20734-01

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

refer to 37-20734-01

9. FACILITIES AND EQUIPMENT

refer to 37-20734-01

10. RADIATION SAFETY PROGRAM

refer to 37-20734-01

11. WASTE MANAGEMENT

refer to 37-20734-01

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

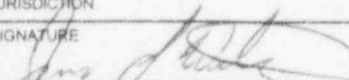
FEE CATEGORY amendment

AMOUNT
ENCLOSED \$ 720.0013. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING
UPON THE APPLICANT.THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN
CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND
CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.WARNING: 18 U.S.C. SECTION 1001 AIT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO
ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER -- TYPE/PRINTED NAME AND TITLE

James L. Witherup

SIGNATURE



DATE

4-23-97

FOR NRC USE ONLY

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

124516



NDE Technical Institute

TRAINING COURSE
COMPLETION RECORD

STUDENT: JAMES OSTROSKE SSN: _____
NAME OF COURSE: Radiographic Testing (40 Hrs.)/Radiation Safety (40 Hrs.)
COURSE DESIGNATION: NDE-214/NDE-229

PERCENTILE WEIGHT FACTOR: GENERAL 0.3 SPECIFIC 0.3 PRACTICAL 0.4

COURSE DATES: FROM: 5/2/88 TO 5/13/88
COURSE HOURS: CLASSROOM 40 LABORATORY 20 PRACTICAL 20 TOTAL 80

EXAMINATION RESULTS:	GENERAL	SPECIFIC	PRACTICAL	COMPOSITE GRADE
	72%	95%	93%	87.3%

SUBJECT STUDENT MEETS ~~DOES NOT MEET~~ REQUIREMENTS OF W NDE TECHNICAL INSTITUTE

STANDARD: ASNT Recommended Practice SNT-TC-1A

APPROVED: RJ Leseck/TP Koch [Signature] INSTRUCTOR

APPROVED: T.P. Koch [Signature] NDE LEVEL III

CERTIFICATION CARD

ISSUE DATE: N/A

NUMBER: N/A



Westinghouse Electric Corporation
Nondestructive Examination Technical Institute

This is to verify that

James Ostroske

has completed 40 hours of formal training in

Radiographic Testing — Level I

a part of the total nondestructive examination training program.

This certificate is awarded and attested this 6th day of May 1988

Manager, Quality Engineering
and Field Surveillance

Director, NDE Technical Institute

NDE Level III (Instructor/Examiner)



Westinghouse Electric Corporation
Nondestructive Examination Technical Institute

This is to verify that

James Ostroske

has completed 40 hours of formal training in

Radiation Safety

a part of the total nondestructive examination training program.

This certificate is awarded and attested this 13th day of May 1988

Manager, Quality Engineering
and Field Surveillance

Director, NDE Technical Institute

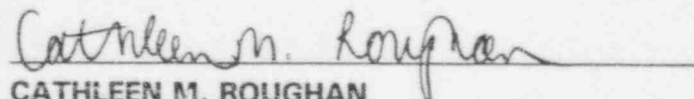
NDE Level III (Instructor/Examiner)

SENTINEL™

hereby certifies

James E. Ostroske, II
has successfully completed a seminar on the
"Inspection and Maintenance of Industrial Radiography Equipment"

ATTESTED: 12 February 1997



CATHLEEN M. ROUGHAN
REGULATORY AFFAIRS
MANAGER



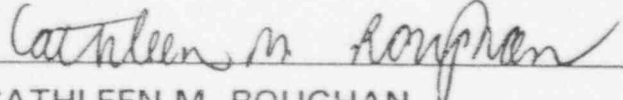
DAVID F. WARD - INSTRUCTOR

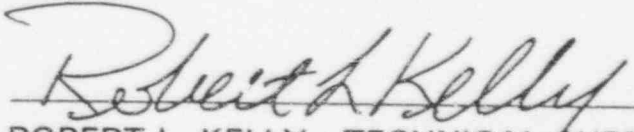
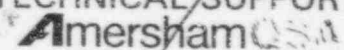
Amersham

SENTINEL™

hereby certifies
JAMES E. OSTROSKE II
has successfully completed a seminar on the
"Administration of Isotope Radiation Safety Programs"

ATTESTED: 8 APRIL 1997


CATHLEEN M. ROUGHAN
REGULATORY AFFAIRS MANAGER


ROBERT L. KELLY - TECHNICAL SUPPORT
SPECIALIST


SENTINEL™

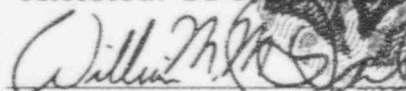
hereby certifies

James H. Stroske II

attended the course of instruction and practical training
in **RETRIEVAL!** A course providing information on the safety aspects,
technical considerations, and regulatory requirements for the
safe performance of retrieval of sealed sources utilized
in isotope recovery operations as well as in incidents.

Attested: 11 April 1985

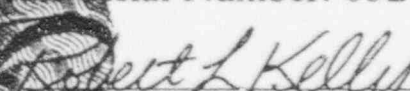
Certificate Serial Number: 052



William M. McDaniel,
Chairman - Radiation Protection
and General Safety Committee



Cathleen M. Ronghano,
Regulatory Affairs Manager



Robert L. Kelly,
Instructor

Amersham QSA

is hereby certified
that

attended the course of instruction and practical training
in RETRIEVAL! A course providing training in the safety aspects,
technical considerations and results of retrievals for the
safe performance of retrievals of sealed sources utilized
in isotope radiography systems that are involved in incidents.

Attested: 11 April 1972 Certificate Serial Number 053

William M. McGinnis *Robert Kelly*

William M. McGinnis,
Chairman, Radiation Protection
and General Safety Committee

Robert Kelly,
Regulatory Affairs Manager,
Instructor

Amersham OSA

SENTINEL

hereby certifies

YANCY J. HINTON

has successfully completed the course:

"Radiation Safety Aspects of Isotope Radiography"

6 December 1996

ATTESTED: _____

William M. McDane
WILLIAM M. MCDANE

CHAIRMAN- RADIATION
PROTECTION AND GENERAL
SAFETY COMMITTEE

Cathleen M. Roughan
CATHLEEN M. ROUGHAN

REGULATORY AFFAIRS
MANAGER

Larry Martin
LARRY MARTIN - INSTRUCTOR

Amersham QSA

SENTINEL™

hereby certifies

YANCY J. HINTON

has successfully completed a seminar on the
"Administration of Isotope Radiation Safety Programs"

ATTESTED: **8 APRIL 1997**

Cathleen M. Roughan

CATHLEEN M. ROUGHAN
REGULATORY AFFAIRS MANAGER

Robert L. Kelly

ROBERT L. KELLY - TECHNICAL SUPPORT
SPECIALIST
Amersham QSA

SENTINEL™

hereby certifies

Yancy J. Hinton

has successfully completed a seminar on the
"Inspection and Maintenance of Industrial Radiography Equipment"

ATTESTED: 12 February 1997

Cathleen M. Roughan

CATHLEEN M. ROUGHAN
REGULATORY AFFAIRS
MANAGER

David F. Ward

DAVID F. WARD - INSTRUCTOR

Amersham QSA

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 03320
Status Code: 0
Fee Category: 30 2B
Exp. Date: 20010430
Fee Comments: _____
Decom Fin Assur Req'd: N
.....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ALLEGHENY LABORATORIES
Received Date: 970428
Docket No: 3022013
Control No.: 124516
License No.: 37-20734-01
Action Type: Amendment

2. FEE ATTACHED

Amount: \$720.00
Check No.: 2907

3. COMMENTS

Signed Brown, R.J.
Date 5-5-97

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /✓/)

1. Fee Category and Amount: (30) 2B 8720

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____

1997 MAY -7 PM 12:30

Log	<u>May 4</u>
Renewal	<u>CHARLES W. McDELLAND, INC.</u>
Check No.	<u>2907</u>
Amount	<u>\$720</u>
Fee Category	<u>30 2B</u>
Type of Fee	<u>Amo</u>
Date Check Paid	<u>5/27/97</u>
Date Completed	<u>BB</u>
By:	<u>BB</u>

Bob Witherup
called re status.
Money OK, I e-mailed
Ribeiro to proceed
with the renew.

07 for 5/8/97 ← BB