

MATERIALS LICENSE

Amendment No. 02

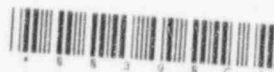
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, 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 | In accordance with letter dated March 7, 1997, 3. License Number 37-24841-01 is amended in its entirety to read as follows: | |
| 1. Harris Semiconductor | | |
| 2. 125 Crestwood Road Mountaintop, PA 18707-2189 | 4. Expiration Date | July 31, 2001 |
| | 5. Docket or Reference No. | 030-31330 |
| 6. Byproduct, Source, and/or Special Nuclear Material | 7. Chemical and/or Physical Form | 8. Maximum Amount that Licensee May Possess at Any One Time Under This License |
| A. Cobalt 60 | A. Sealed sources (AECL/Nordion Inter- national, Inc. Model C-166, C-167, C-185, or C-198) | A. Not to exceed 1090 curies per source and 52,800 curies total |
| 9. Authorized use | | |
| A. In AECL/Nordion International, Inc. Gammacell Model 220 Irradiators for the irradiation of material except explosives, flammables, or corrosives. | | |

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at 125 Crestwood Road, Mountaintop, Pennsylvania.
11. A. Licensed material shall only be used by, or under the supervision and in the physical presence of, Peter F. Borza, James P. Murphy, or individuals who have received the training described in the application dated May 24, 1995 and have been designated in writing by the Radiation Safety Officer.
- B. The Radiation Safety Officer for this license is Peter F. Borza.
12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
13. A. Sealed sources and detector cells containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed three years.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-24841-01

Docket or Reference Number

030-31330

Amendment No. 02

- C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source or detector cell shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within five days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source or detector cell involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by Applied Health Physics. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee shall not perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in the irradiator shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-24841-01

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Amendment No. 02

16. The procedures contained in the manufacturer's instruction manual for the irradiator authorized by this license shall be followed and a copy of this manual shall be made available to each person using or having responsibility for the use of the device.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. 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 May 24, 1995
 - B. Letter dated May 29, 1996
 - C. Letter dated March 7, 1997

For the U.S. Nuclear Regulatory Commission

Original Signed By:

John R. McGrath

By

Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

MAY - 1 1997

Date _____

MAY - 1 1997

Peter F. Borza
Radiation Safety Officer
Harris Semiconductor
125 Crestwood Road
Mountaintop, PA 18707-2183

Dear Mr. Borza:

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:
John R. McGrath

John R. McGrath
Senior Health Physicist
Division of Nuclear Materials Safety

License No. 37-24841-01
Docket No. 030-31330
Control No. 124371

Enclosure:
Amendment No. 02

DOCUMENT NAME: R:\WPS\MLTR\L3724841.01

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

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|--------|--------------------|---|---------|--|---------|--|---------|
| OFFICE | DNMS/RI | N | DNMS/RI | | | | |
| NAME | McGrath <i>JRM</i> | | | | | | |
| DATE | 04/09/97 | | 04/ /97 | | 04/ /97 | | 04/ /97 |

OFFICIAL RECORD COPY

ML 10



125 Crestwood Road
Mountaintop, PA 18707-2189

March 7, 1997

030-31330

Licensing Assistance Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Subject: Amendment of NRC License #37-24841-01
Expires July 31, 2001, Docket No. 030-31330

Gentlemen:

We are requesting amendment of NRC License #37-24841-01 for the purpose of addition of an additional Gammacell 220 Irradiator to our License. This amendment requests that our possession limit of 25,000 Curies max. be approved for 52,800 Curies max. Also, we request the option of use of the manufacturer or licensed contractor for calibration of radiation survey instruments. All other information pertinent to this license remains the same as previously submitted. Please note that we shall conduct our radiation program in accordance to our present license dated July 3, 1996 until NRC approval is received in the form of an amended license.

Enclosed are two copies of a completed amendment application and a check in the amount of \$360.00 as payment for the amendment fee as established in the Schedule of Materials Fees found in 10CFR170.21.

Very truly yours,

Peter F. Borza
Radiation Safety Officer
Enclosures

cc: E. Scaran, Lic. and App. Radiation File
Melbourne: D. Bock, P. Rosenberg, J. Steiner

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OFFICIAL RECORD COPY

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MAR 12 1997

APPLICATION FOR MATERIAL LICENSE

Estimated burden per response to comply with this information collection request: 7 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. NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

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.

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 20555-0201

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 19406-1415

ALABAMA, 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 60532-4351

ALASKA, 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 76011-8064

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

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

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 37-24841-01
☐ C. RENEWAL OF LICENSE NUMBER

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

Harris Semiconductor
125 Crestwood Road
Mountaintop, PA 18707-2189

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

125 Crestwood Road
Mountaintop, PA 18707-2189

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Peter F. Borza, R.S.O.

TELEPHONE NUMBER
(717) 474-6761

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

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

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

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

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

FEE CATEGORY 3E AMOUNT
ENCLOSED \$ 360.00

13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

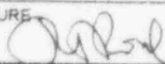
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT 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 - TYPED/PRINTED NAME AND TITLE

Raymond T. Ford, Director, Manufacturing

SIGNATURE



DATE

3-10-97

FOR NRC USE ONLY

| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|-------------|---------|--------------|-----------------|--------------|----------|
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APPROVED BY

DATE

124371

MAR 12 1997



HARRIS
SUBCONTRACTOR

125 Crestwood Road
Mountaintop, PA 18707-2189

ITEM #5 - NRC form 313
Radioactive Material to be Possessed

A total of 2 Gammacell Irradiators will be owned as follows:

1. Gammacell 220, s/n 237, Mfd by AECL/Nordion International, Inc.
 - a. Source: Cobalt-60 in solid form doubly encapsulated in stainless steel tubing called pencils. Each pencil contains 1090 curies of Cobalt-60.
 - b. Source Model No.: Nordion International Inc. sealed source Model Nos. C-166, C-167, C-185 and C-198.
 - c. Total No. of sources in the Irradiator: 8 pencils.
 - d. Maximum amount of Cobalt-60 to be possessed in the Irradiator at any one time: 26,400 curies contained in up to 48 pencils.
2. Gammacell 220, s/n 217, Mfd by AECL/Nordion International, Inc.
 - a. Source: Cobalt-60 in solid form doubly encapsulated in stainless steel tubing called pencils. Each pencil contains 550 Ci of Cobalt-60.
 - b. Source Model No.: Nordion International Inc. sealed source Model Nos. C-166, C-167, C-185 and C-198.
 - c. Total No. of sources in the Irradiator: 48 pencils
 - d. Maximum amount of Cobalt-60 to be possessed in the Irradiator at any one time: 26,400 Ci contained in up to 48 pencils.

NOTE: A copy of the AECL/Nordion International Inc. Certificate of Registration with the USNRC is attached for reference. Certificate No. NR-169-D-119-U.

ITEM #6 - NRC form 313
Purpose For Which Licensed Material Will Be Used

To be used in a Nordion International Inc. Model GC-220 Gammacell Irradiator for irradiation of materials other than explosives or highly flammable or corrosive products.

ITEM #7 - NRC form 313
Individuals Responsible For Radiation Safety Program and Their Training and Experience

Radiation Safety Officer: Peter F. Borza

Background and Training

AB in Chemistry - 1966; MS in Chemical Engineering - 1989
These curriculum deal with radiation and nuclear energy in required Physics and Chemistry courses.

16 hours training in Radiation Defense at the Office for Disaster Preparedness, Cayuga County, Auburn, New York - 1980.

A total of 80 hours of Industrial Hygiene Seminars at Harvard School of Public Health of which 8 hours dealt with Radiation fundamentals.

Completed 36 hour Radiation Safety Officer's training course at the University of Texas Health Science Center at San Antonio, Texas - November 1989.

Spent 8 hours at Harris Semiconductor Somerville, N.J. reviewing Gammacell Irradiator operation and procedures prior to transfer of this equipment to Harris Semiconductor, Mountaintop, PA in 1989.

User of Licensed Material: Supervising Irradiation Engineer, currently James P. Murphy.

Background and Training

Jim is a degreed Physicist and is aware of Radiation and Nuclear energy through his course of study. He has also completed the Radiation Safety Training session taught by Peter F. Borza (as described in Item #8 below)

In 1989, Jim spent 8 hours at Harris Semiconductor Somerville, N.J. reviewing Gammacell Irradiator operation procedures and calculations of dose for Gammacell irradiation runs with the Somerville Irradiation Program Engineer and Peter F. Borza. He also has obtained a more in-depth experience in travelling to and working at the G.E. Valley Forge, PA Irradiator site for more than 1 year.

Jim has supervised the Gammacell Irradiator operation for the past 5 years and obtained hands on experience in irradiator use and safety. He works closely with AECL/Nordion International Inc., the Irradiator equipment manufacturer, as the need arises.

ITEM #8 NRC form 313

Training For Individuals Working In or Frequenting Restricted Areas

The attached section entitled "Radiation Safety Training" is an outline of a training program to be given to all authorized persons working in or frequenting the Gammacell room. Peter F. Borza, RSO shall be the course director and instructs or cause the subject matter to be taught by a qualified Instructor. This qualified Instructor may be the irradiator manufacturer's representative, an experienced irradiator operator or a Health Physicist consultant familiar with (1) knowledge of the basic design, operation and preventative maintenance of the irradiator, (2) The principles and practices of radiation protection including the biological effects of radiation, (3) The written procedures for routine and emergency irradiator operations, and (4) Harris's license application, the actual license and NRC regulations. A multiple choice written test will be utilized to test the understanding of the training(attached). Records documenting the training of each authorized person will be maintained. The Supervising Irradiation Engineer, currently James P. Murphy, trains all irradiator operators in the operation and procedures involved in the use of the Gammacell Irradiator. On the job training consists of several complete irradiations and a review of Irradiator operation and Safety Procedures under the supervision of James P. Murphy. A list of authorized/trained personnel is posted at the entrance to the Gammacell room for the purpose of notification that only those on the authorized list are allowed in the restricted Gammacell area. Occasionally, customer's of Harris Semiconductor, Mountaintop, PA wish to witness a test or to audit irradiator procedures as part of their Quality program. These auditors are required to adhere to training procedures established in the attached document entitled "Vendor's Procedure-Gammacell Irradiation Area", dated 7/24/91.

Item #9 NRC form 313
Facilities and Equipment

The Gammacell Irradiator is located adjacent to the Hi-Rel test area on the ground floor. This area is a low population area away from the main plant traffic. The irradiator is located in a separately constructed room with a locking door with no floors beneath it. Access to this equipment is restricted to authorized persons who are required to wear film dosimeters while in the room. The door is kept locked. The room is constructed of non-combustible materials and is equipped with an automatic sprinkler system. Flammables or Corrosives are not be stored within. The area is designated as a Restricted Area.

Item #10 NRC form 313
Radiation Safety Program

- 10.1 All authorized personnel entering the Gammacell room are required to wear a film badge dosimeter that is changed on a monthly basis. Exposure reports are reviewed monthly by both Siemens-Gammasonics and the designated Radiation Safety Officer for exposure levels. Personnel overexposures, unusual exposures, missing or improperly worn badges are investigated and documented. Annually, individual reports are given to all personnel assigned to wear a badge dosimeter. Monthly reports are available for employee review.
- 10.2 A calibrated, operable survey meter that can measure up to several hundred milliroentgens per hour is available. The meter is (1) calibrated within +/- 20% of the actual values over the range of the instrument and (2) calibrated at least annually and after any servicing (other than a simple battery exchange). Calibration records are kept for a minimum of 2 years after each calibration. The instrument is returned to the Manufacturer or licensed contractor at least annually for calibration or whenever servicing is required. All instrument servicing/repairs require calibration prior to return to Harris. Applied Health Physics, NRC License No. 37-09135-01, located at 2986 Industrial Blvd, Bethel Park, PA 15102 is contracted to perform calibration/servicing of survey meters in addition to the Manufacturer.
- 10.3 Leak Testing: Applied Health Physics, Inc. of 2986 Industrial Blvd., Bethel Park, PA 15102 is contracted to perform the required Leak-Testing at intervals not to exceed 6 months. Their NRC License No. is 37-09135-01. The results are evaluated and reported to Harris biannually.
- 10.4 (Gammacell Operation Procedure attached)
Operating and Emergency procedures are provided to each authorized person who enters the Gammacell Irradiator room. These are maintained at the Gammacell control station and posted in a visible area near the station.

Item #10 NRC form 313

- 10.5 The licensee(Harris) does not perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement and disposal of sealed sources in the irradiator are performed by a licensee specifically authorized by NRC or an agreement state for such work.

Item #11 NRC form 313

Waste Management

Disposal of all radioactive waste is performed by transfer to a licensee specifically authorized to accept it.

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

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: PROGRAM CODE: 03520
: STATUS CODE: 0
: FEE CATEGORY: 3E
: EXP. DATE: 20010731
: FEE COMMENTS: -----
: DECOM FIN ASSUR REQD: Y

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A. REGION I

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: HARRIS SEMICONDUCTOR
RECEIVED DATE: 970312
DOCKET NO: 3031330
CONTROL NO.: 124371
LICENSE NO.: 37-24841-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED
AMOUNT: \$940.00
CHECK NO.: 0048900

3. COMMENTS
REF. 124372.

SIGNED
DATE

M. A. Peckham

3/13/97

- B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE D3 IS ENTERED X)

1. FEE CATEGORY AND AMOUNT: 3E P360

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

3. OTHER -----

SIGNED
DATE

Log APR 3
 Remitter _____
 Check No. 418900
 Amount \$360
 Category 3C
 Type of Fee Ann
 Date Check Rec'd 4/2/87
 Date Completed _____
 By: BB

Also
see
124372)

\$580 applied to
Control 124372
3B fee and

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