



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

MATERIALS LICENSE

ALLIEDSIGNAL AVIONICS INC.
400 N. Rogers Road
Olathe, Kansas 66062

License No. 15-19986-01E
Docket No. 030-19631
Amendment No. 04

In accordance with letter dated June 24, 1996, NRC License No. 15-19986-01E is amended in its entirety to read as follows:

Pursuant to the Atomic Energy Act of 1954, as amended; the Energy Reorganization Act of 1974, as amended (Public Law 93-438); 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; Section 32.14, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; application dated October 1, 1993; letters dated February 5, 1994, and June 24, 1996; and facsimile dated October 2, 1996; a license is hereby issued to AlliedSignal Avionics Inc. to distribute gas-filled display tubes containing krypton-85 to persons exempt from licensing pursuant to Section 30.15, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and other applicable rules, regulations, and orders of the U.S. Nuclear Regulatory Commission now or hereafter in effect, and to the following conditions:

1. This license does not authorize possession or use of licensed material.
2. The licensee is authorized to distribute only from its facility located at 400 N. Rogers Road, Olathe, KS.
3. The licensee shall submit periodic material transfer reports as specified in Section 32.16, 10 CFR Part 32.

This license shall expire on March 31, 2004.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE: November 6, 1996

BY: Original signed by:

Susan L. Greene
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555

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PDR ADOCK 03019631
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11/05/96
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5. Submit a complete renewal application (with proper fee) or termination request (no fee required) at least 30 days before the expiration date on your license. You should receive a reminder notice approximately 90 days before the expiration date. Continued distribution of products containing radioactive material after your license expires is a violation of NRC regulations.
6. In accordance with 10 CFR 30.36, request termination of your license if you plan to permanently discontinue activities involving distribution of products containing radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in compliance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action(s) against you. This could include issuance of a notice of violation; proposed imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," (NUREG-1600).

If you have any questions, please feel free to contact me at (301) 415-6140.

Sincerely,

Original signed by:

Anthony S. Kirkwood
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

Docket No. 030-19631

Enclosure: Amendment No. 04

cc: Vic Cooper, Chief
X-Ray & RAM Control Section
Department of Health & Environment
Bureau of Air & Radiation
Forbes Field, Building 283
Topeka, KS 66620

DISTRIBUTION:
License No. 15-19986-01E
NMSS r/f
IMNS c/f
IMAB r/f
SLBaggett
LWCamper
Region IV

DOCUMENT NAME: G:\ALLIED.slg

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

| | | | | | | | | | | |
|--------|------------|-------------------------------------|-----------|-------------------------------------|--|--|--|--|--|--|
| OFFICE | IMAB:NMSS | <input checked="" type="checkbox"/> | IMAB:NMSS | <input checked="" type="checkbox"/> | | | | | | |
| NAME | ASKirkwood | <input checked="" type="checkbox"/> | SLGreenes | <input checked="" type="checkbox"/> | | | | | | |
| DATE | 10/05/96 | | 10/10/96 | | | | | | | |

OFFICIAL RECORD COPY

November 6, 1996

AlliedSignal Avionics Inc.
ATTN: Mansour Nouri
Radiation Safety Officer
400 N. Rogers Road
Olathe, Kansas 66062

Dear Mr. Nouri:

Enclosed is Amendment No. 04 amending NRC License No. 15-19986-01E in its entirety.

Please review the enclosed license carefully and be sure that you understand all the conditions. If there are any errors or questions, please contact me so that appropriate corrections and answers can be provided.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions specified in your NRC license, representations made in your license application, and other rules, regulations, and orders of the U.S. Nuclear Regulatory Commission, now or hereafter in effect, to include the following:

1. Comply with applicable NRC regulations in 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; and other applicable regulations.

NOTE: Licensees authorized to distribute or initially transfer products containing byproduct material must also possess a valid possession license issued either by NRC or an Agreement State(s) which authorizes possession and use of byproduct material.

2. Distribute only those products containing radioactive material which are specifically authorized in your license.
3. Notify NRC in writing within 30 days of any change in mailing address (no fee is required if the location of radioactive material remains the same).
4. Request and obtain appropriate amendments if you plan to change control or ownership of your organization, change locations of distribution of products containing radioactive material, or make any other changes in your program which are contrary to the license conditions or representations made in your license application and any supplemental correspondence with NRC. A license fee may be charged for the amendments if you are not in a fee-exempt category.



AlliedSignal ASGAA
400 N. Rogers Road
Olathe, Kansas 66062

Fax Transmission

To Mr. Anthony Kirkwood

From Mansour Nouri

Company US Nuclear Regulatory
Commission

Date October 2, 1996

Fax Number (301) 415-5369

Telephone number (913) 768-2856

No. of pages (including cover sheet) 1

Fax number (913) 791-1309

Telephone Number (301) 415-6140

Dear Mr. Kirkwood:

Per our telephone conversation on October 1, 1996, here is a sample of our existing labeling.

037-00052-0002

9 6 2 2

4 6 1 2

BENDIX/KING
OLATHE, KS.
KR-85

As you may see we put all the below information on each display that we ship from our lab :

037-00052-0002 is the part number.

9622 is the date code.

4612 is the lot code.

Bendix/king will be changed to AlliedSignal Avionics Inc. as the company name.

Olathe, Ks. is the location.

Kr-85 is the isotope.

If there are any questions please contact me .

Sincerely,

Mansour Nouri

Mansour Nouri
Manufacturing Engineer & RSO

If you have any problem with this transmission please call Mansour Nouri 913-768-2856.



AlliedSignal ASGAA
400 N. Rogers Road
Olathe, Kansas 66062

Fax Transmission

To Mr. Anthony Kirkwood

From Mansour Nouri

Company US Nuclear Regulatory
Commission

Date October 1, 1996

Fax Number (301) 415-5369

Telephone number (913) 768-2856

No. of pages (including cover sheet) 1

Fax number (913) 791-1309

Telephone Number (301) 415-6140

Dear Mr. Kirkwood:

Per our telephone conversation on September 26, 1996, our corporate entity is AlliedSignal Avionics Inc. and Bendix / King is just our trademark. Please discard "with doing business as Bendix / King" from my June 24, 1996 amendment request. We will labeling our parts with **AlliedSignal Avionics Inc.** as soon as you acknowledge that your office has accepted our amendment request.

Sincerely,

Mansour Nouri

Mansour Nouri
Manufacturing Engineer & RSO

STATE OF KANSAS

RADIOACTIVE MATERIALS LICENSE

Pursuant to the Nuclear Development and Radiation Control Act (L. 1965, Ch. 290) and Kansas Annotated regulations numbers 28-35-133 through 28-35-336 inclusive, and in reliance on statements and representations made to this agency by the licensee designated below, a license is hereby issued authorizing the licensee to transfer, receive, possess, and use the radioactive material or materials listed below; and to use such materials at the place or places listed below; and to use the material for the purpose or purposes listed below. This license is subject to all applicable rules, regulations, and orders now in effect or placed in effect by the Department of Health and Environment and any conditions specified below.

Amendment No. 10

| | | |
|--|---|--|
| Licensee | | 3. License number 26-B441-01 amended in its entirety |
| 1. Name Allied Signals Avionics | 2. Address 400 North Rodgers Road Olathe, KS 66062-1212 | 4. Expiration date October 31, 1996 (J 96) |
| | | 5. Reference number |
| 6. Radioactive materials (element and mass number) A. Krypton-85 | 7. Chemical and/or physical form A. Gas | 8. Maximum quantity licensee may possess at any one time A. 2 curies |

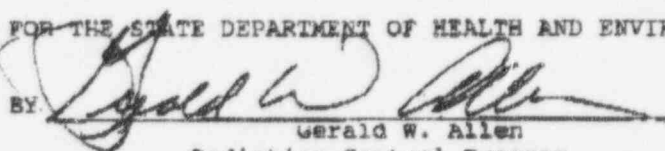
CONDITIONS

9. Authorized use. (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)
- A. To be used in the manufacture of digital plasma display modules.
10. Radioactive material shall be used by, or under the supervision of, Mansour Nouri.
11. The licensee shall comply with the provisions of Part 4, Kansas Radiation Protection Regulations, "Standards for Protection Against Radiation" and Part 10, Kansas Radiation Protection Regulations, "Notices, Instructions and reports to Workers; Inspections."
12. The license does not authorize commercial distribution of radioactive material.
13. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 7 and 8 of this license in accordance with statements, representations, and procedures contained in the following documents:
- a) The letter dated 27 October, 1994, signed by Mansour Nouri, with attachments.
- b) The letter dated 21 November, 1994, signed by Mansour Nouri, with attachments.

FOR THE STATE DEPARTMENT OF HEALTH AND ENVIRONMENT

Date JAN 24 1995

BY


Gerald W. Allen
Radiation Control Program

Director of Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

DATE: July 8, 1996

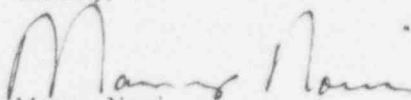
Subject: June 30, 1996 Annual Year End Report

Form : AlliedSignal Avionics Inc. (Doing Business As Bendix/King)
License Number 15-19986-01E

| Part Number | Number of units Transferred | Quantity of Kr-85 per Part Number |
|----------------|--------------------------------|--------------------------------------|
| 037-00052-0002 | 488 | 0.607 mCi |
| 037-00055-0000 | 3715 | 1.474 mCi |
| 037-00056-0000 | 2209 | 0.714 mCi |
| 037-00060-0001 | 1167 | 0.385 mCi |
| 037-00066-0000 | 261 | 0.080 mCi |
| 037-00067-0000 | 304 | 0.182 mCi |
| 037-00068-0000 | 1206 | 0.386 mCi |
| 037-00068-0002 | 48 | 0.015 mCi |
| 037-00072-0000 | 87 | 0.031 mCi |
| 037-00073-0000 | 9976 | 5.422 mCi |
| 037-00078-0000 | 266 | 0.095 mCi |
| 037-00081-0000 | 76 | 0.045 mCi |
| 037-00083-0000 | 373 | 0.092 mCi |
| 037-00084-0000 | 524 | 0.129 mCi |
| 037-05001-0000 | 432 | 0.117 mCi |
| 037-05060-0001 | 1074 | 0.431 mCi |
| 037-05065-0000 | 694 | 0.239 mCi |
| 037-05072-0000 | 60 | 0.017 mCi |
| 037-05086-0000 | 407 | 0.110 mCi |
| 037-05087-0000 | 1422 | 0.384 mCi |
| 037-05088-0000 | 428 | 0.133 mCi |
| 037-05089-0000 | 146 | 0.145 mCi |
| 037-05089-0001 | 43 | 0.043 mCi |
| 037-05091-0000 | 45 | 0.013 mCi |
| 037-05094-0000 | 26 | 0.006 mCi |
| 037-05096-0000 | 64 | 0.049 mCi |
| 037-05097-0000 | 285 | 0.769 mCi |
| 037-05098-0000 | 1019 | 0.365 mCi |
| 037-05099-0000 | 208 | 0.056 mCi |
| 037-05103-0000 | 9 | 0.005 mCi |
| Total | 27053 | 12.542 mCi |

No other units transferred.

Sincerely,



Mansour Nouri
Manufacturing Engineer, RSO
AlliedSignal Avionics Inc., Bendix/King

CC: USNR

Office of Inspection & Enforcement
611 Ryan Plaza Dr. Suite 1000
Arlington, TX 76012



AlliedSignal Inc.
General Aviation Avionics
400 N. Rogers Road
Olathe, KS 66062-1212

913 782 0400

Ms. Sandra Kimberley
US Nuclear Regulatory Commission
Mail Stop --T-9E10
Washington, DC 20555

DATE: July 30, 1996

RE: Reference control number 021841 addition fee for License Number **15-19986-01E**

1996 AUG - 2 PM 3:24

Dear Ms. Kimberley

Per your telephone request, enclosed please find a check with the amount of \$40.00 regarding reference control number 021841 addition fee for AlliedSignal Avionics Inc. License number 15-19986-01E recent amendments request.

If there are any questions, please contact me at (913) 768-2856.

Sincerely,

A handwritten signature in cursive script that reads 'Mansour Nouri'.

Mansour Nouri
Manufacturing Engineer and Radiation Safety Officer

Ms. Susan Greene

Division of Industrial and Medical Nuclear Safety
Office of Nuclear Material Safety and Safeguard
US Nuclear Regulatory Commission
Washington, DC 20555

DATE: June 24, 1996

RE: Changes in License Number **15-19986-01E**

Dear Ms. Susan Greene:

Per our telephone conversation, I would like to request an amendment to our Nuclear Regulatory Commission License (License # 15-19986-01E) with the following changes:

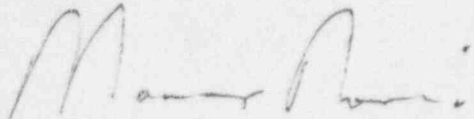
1- Changing our company name to **AlliedSignal Avionics Inc.** with doing business as Bendix/King. We are not changing ownership or anything else. This is just consolidating the company under parent name and we will continue to deliver the same product name.

2- Regarding my letter dated April 30, 1996 to Ms. Boyle (attached), do we need to make the following changes:

- Mansour Nouri listed as the Radiation Safety Officer or the contact person at our facility.
- Our license for Part Numbers that contain nine digit numbers (XXX-XXXX-XX) has been changed to twelve digit numbers. The new part numbers are as shown (XXX-0XXXX-00XX). It does not reflect a change in the production or the activities in the displays. As an example part number 037-0052-02 is changed to 037-00052-0002.

I have enclosed a check for the amount of \$820.00 for these amendments. If there are any questions, please contact me at (913) 768-2856.

Sincerely,



Mansour Nouri
Manufacturing Engineer and Radiation Safety Officer



400 North Rogers Road
Olathe, Kansas 66062

Ms. Carolyn Boyle

Division of Industrial and Medical Nuclear Safety
Office of Nuclear Material Safety and Safeguard
US Nuclear Regulatory Commission
Washington, DC 20555

DATE: April 30, 1996

RE: Changes in License Number **15-19986-01E**

Dear Ms. Boyle:

Per our telephone conversation, I would like to request our Nuclear Regulatory Commission License (**License # 15-19986-01E**) to be checked by your office on whether we need to make amendments to our license or if this informative letter is sufficient for the following changes.

1- Mansour Nouri listed as the Radiation Safety Officer or the contact person at our facility.

2- Our license for Part Numbers which contain nine digit numbers (XXX-XXXX-XX) has been changed to twelve digit numbers. The new part numbers are as shown (XXX-0XXXX-00XX). It does not reflect a change in the production or the activities in the displays. As an example part number 037-0052-02 is changed to 037-00052-0002.

If there are any questions, please contact me at (913) 768-2856.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mansour Nouri". The signature is fluid and cursive.

Mansour Nouri

R1201021

LICENSING TRACKING SYSTEM

DATE: 960710

PAGE: 1

LTS WORKSHEET

DOCKET NO : 03019631 LICENSE NO : 15-19986-01E STATUS: 0
MAIL CONTROL: 021841 RECEIPT DATE : 960702 ACTION TYPE: 4
DUE DATE : 960930
FED. GOVT : C INST. CODE : 19986 LICENSE REGION: 0
ISSUE DATE: 940317 ORIGINAL DATE: 820624 EXPIRATION DATE: 20040331
NAME : ~~BENDIX/KING~~ *Allied Signal Avionics Inc.* DECOM FIN ASSUR REQD: N
SUBM: _

*TLR -
pls assign*

DEPT/BUREAU: _____ CONT PLAN REQD: N APPRV: _

BUILDING : _____

STREET : 400 N. ROGERS ROAD

CITY : OLATHE STATE: KS ZIP: 660621212

CONTACT PERSON: MANSOUR NOURI PHONE: 913-~~782-0400~~

768-2856

PRIMARY PGM CODE : 03251 SECONDARY PGM CODES: _____

INSPECTION REGION: 4 PRIORITY CODE: 5 INSPECTION CATEGORY: E

RADIATION SAFETY OFFICER: *MANSOUR NOURI*

STATES WHERE USE IS AUTHORIZED: 1 0 - ALL LISTED STATES
1 - SAME AS STATE IN ADDRESS
2 - ALL STATES
3 - NON-AGREEMENT STATES
AUTHORIZED STATES: _____ (USE ONLY IF ABOVE IS ZERO)

REPORTING IDENTIFICATION SYMBOL: _____

APPROVAL FOR: REDISTRIBUTION: N STORAGE ONLY: N
TEMPORARY JOB SITES: N INCINERATION: N
BURIAL: N

EXEMPTIONS: (1) _____ (2) _____

POSSESSION LIMIT INFORMATION

PAGE: 2

MATERIAL TYPE : NPA FORM CODE: NPA AGGREGATE CODE: NPA
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : 0000000.000000000 UNIT: _____
OTHER : _____ # SOURCES: _____

MATERIAL TYPE : _____ FORM CODE: _____ AGGREGATE CODE: _____
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : _____ UNIT: _____
OTHER : _____ # SOURCES: _____

MATERIAL TYPE : _____ FORM CODE: _____ AGGREGATE CODE: _____
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : _____ UNIT: _____
OTHER : _____ # SOURCES: _____

MATERIAL TYPE : _____ FORM CODE: _____ AGGREGATE CODE: _____
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : _____ UNIT: _____
OTHER : _____ # SOURCES: _____

MATERIAL TYPE : _____ FORM CODE: _____ AGGREGATE CODE: _____
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : _____ UNIT: _____
OTHER : _____ # SOURCES: _____

MATERIAL TYPE : _____ FORM CODE: _____ AGGREGATE CODE: _____
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : _____ UNIT: _____
OTHER : _____ # SOURCES: _____

MATERIAL TYPE : _____ FORM CODE: _____ AGGREGATE CODE: _____
MODEL NUMBER : _____
DESCRIPTION : _____
TOTAL QUANTITY : _____ UNIT: _____
OTHER : _____ # SOURCES: _____

NAME

AUTHORIZATION

ADDRESS WHERE MATERIAL IS USED OR POSSESSED

BUILDING:
ROOM:
STREET:
CITY:
STATE:

BUILDING:
ROOM:
STREET:
CITY:
STATE:

BUILDING:
ROOM:
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BUILDING:
ROOM:
STREET:
CITY:
STATE:

DOCKET: 03019631 LIC: 15-19986-01E NAME: BENDIX/KING

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
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CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
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ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
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ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PAGE: 5

MEDICAL QUALITY MANAGEMENT PROGRAM REQUIRED: N RECEIVED: APPROVED:

DECOMMISSIONING FINANCIAL ASSURANCE REQUIRED: N SUBMITTED:

CONTINGENCY PLAN REQUIRED: N APPROVED: _____

DECAY-IN-STORAGE APPROVED: N HOLDING FOR < 10 HALF-LIVES APPROVED:

T 1/2 > 65 DAYS, ISOTOPE(S): _____

INTERIM STORAGE UP TO 1996: N

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03251
Status Code: 0
Fee Category: 3I
Exp. Date: 20040331
Fee Comments: 3I CONFIRMED GJ
Decom Fin Assur Req'd: N
.....

LICENSE FEE TRANSMITTAL

A. REGION HQtrs

1. APPLICATION ATTACHED

Applicant/Licensee: BENDIX/KING
Received Date: 960702
Docket No: 3019631
Control No.: 021841
License No.: 15-19986-01E
Action Type: Amendment

2. FEE ATTACHED

Amount: \$820.00
Check No.: 1000147470

3. COMMENTS

Signed
Date

C Boyle

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

1. Fee Category and Amount: 3I \$860

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

Amendment
Renewal
License

3. OTHER

Signed
Date

Sh
8/5/96

| | |
|-------------------|------------------------------|
| Log | <u>Jul 1 HQs</u> |
| Remitter | <u>United Signal Company</u> |
| Check No | <u>1000147470</u> |
| Amount | <u>\$820 + 40</u> |
| Fee Category | <u>3I</u> |
| Type of Fee | <u>AMD</u> |
| Date Check Rec'd. | <u>8/1/96</u> |
| Date Completed | <u>8/1/96</u> |
| By: | <u> </u> |

1996 JUL 16 AM 11:29