SIEMENS

February 10, 2005

P.3

Kathy Modes
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

RE: RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
CONCERNING USNRC LICENSE 29-32349-01 MAIL CONTROL # 136351.

Dear Ms. Modes,

Based on our teleconference of February 8th, 2005 Siemens Medical Solutions USA, Inc. is submitting the information that you requested to facilitate the recent amendment request.

1. Please change the mailing address for all correspondences and fees to:

LL 31021
03036878
03225

Siemens Medical Solutions USA, Inc.
110 MacAlyson Court
Cary, North Carolina 27511

Attention: Stephen J. Haddock, RSO – CSG

(32-31021-01)

* Delete the Iselin, New Jersey address from the license.

2. I have attached (see Attachment #1) an organizational chart that describes our management structure.

Siemens Medical Solutions USA, Inc.

Customer Service Group
110 MacAlyson Court
Cary, NC 27511
Tel: (919) 319-2900
Fax: (919) 319-2680

Feel free to contact me at (919) 319-2952 or stephen.haddock@Siemens.com if you have any questions or need additional information.

Sincerely,

Stephen Haddock
Corporate Radiation Safety Officer
Siemens Medical Solutions USA, Inc.
8000 Regency Parkway
Suite 360
Cary, North Carolina 27511
Telephone: (919) 319-2952
Fax: (919) 319-2843
E-mail: stephen.haddock@siemens.com

Attachment #1

SIEMENS

CSG National Service Organization

Mike Guin

VP Service Operations

Siemens Medical
Solutions that help

Updated 1.27.05

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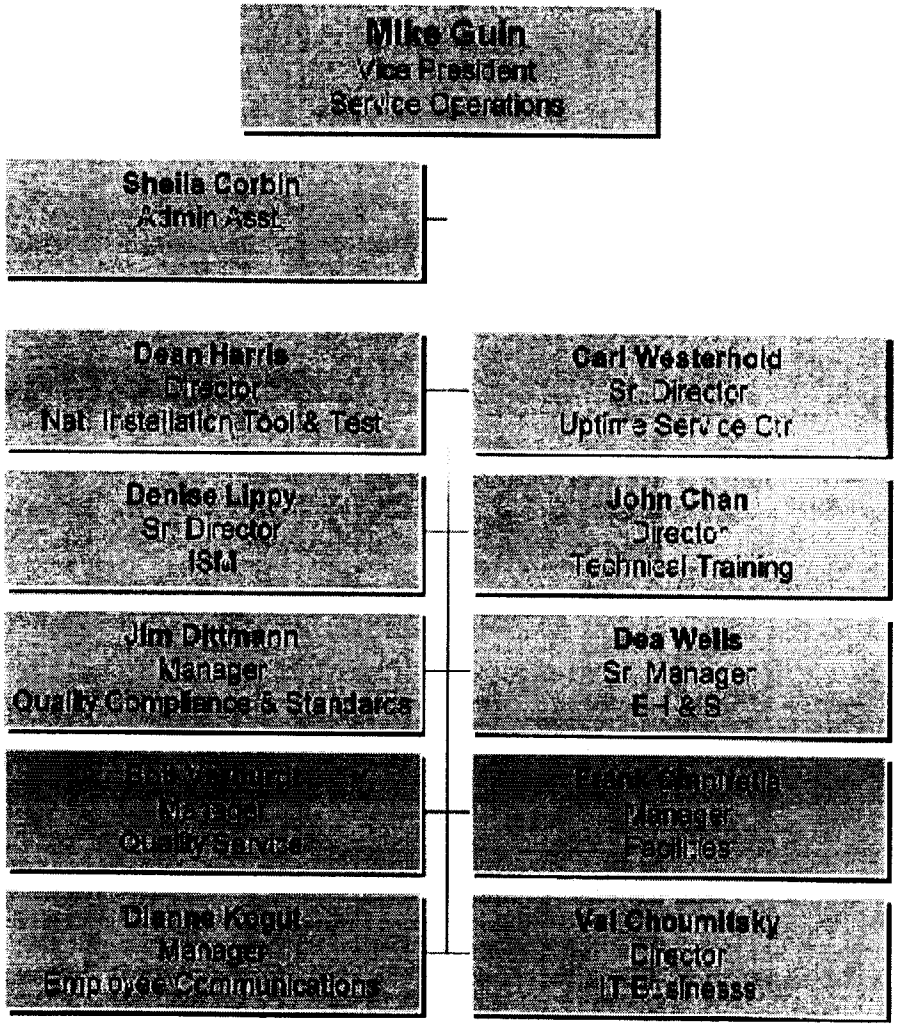
Service Operations

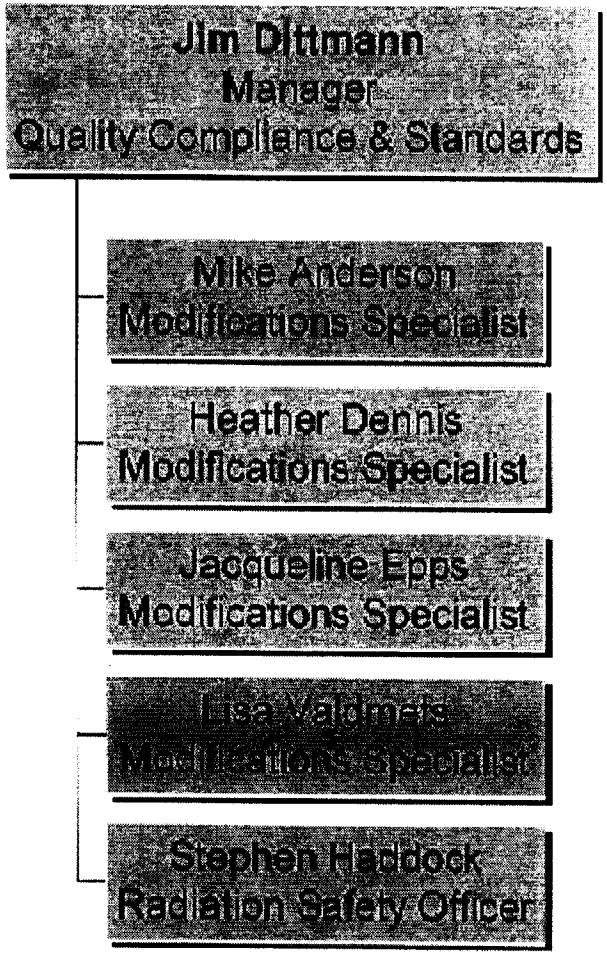


Siemens Medical
Solutions that help

Updated 1.27.05

SIEMENS

Quality Compliance and Standards



Siemens Medical
Solutions that help

Updated 1.27.05

SIEMENS

January 18, 2005

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

RE: AMENDMENT TO LICENSE 29-32349-01 03035837

Dear Sir or Madam,

Siemens Medical Solutions requests to amend License Number 29-32349-01 to remove Mr. R.F. (Chip) Willey, III as Radiation Safety Officer and appoint Mr. Stephen J. Haddock as Radiation Safety Officer. Mr. Haddock's credentials are provided as ***Attachment #1*** to this letter.

Thank you for all your assistance concerning this amendment. Feel free to contact me at (919) 319-2952 or stephen.haddock@siemens.com if you have any questions or need additional information.

Sincerely,

Stephen J. Haddock
Corporate Radiation Safety Officer
Siemens Medical Solutions USA, Inc.
8000 Regency Parkway
Suite 360
Cary, North Carolina 27511
Telephone: (919) 319-2952
Fax: (919) 319-2843
E-mail: stephen.haddock@siemens.com

136351

Attachment #1

Resume

Stephen J. Haddock

12/2000 - 12/2003 Guidant Corporation Houston, Texas
Licensing Associate

Provided product specific licensing information to assist hospitals to amend their radioactive materials license for the Guidant IVBT System.

Interacted with Federal and State regulatory agencies on a daily basis to resolve licensing issues at hospital sites. Assisted hospital sites in filing license applications for use.

Developed an internal support system to facilitate licensing information generation to support customer sites.

Provided technical licensing updates to customers/sales force of regulatory changes and their clinical impact of product implementation and use.

Responded quickly to customer needs/questions by providing technical guidance and service.

Traveled to customer sites to assist with license amendments, deficiency responses and limited audits.

7/1996 -12/2000 Advanced Medical Systems, Inc. Cleveland, Ohio
Radiation Safety Officer/Facility Manager

Created, implemented and maintained radiation safety procedures to regulatory and corporate guidelines.

Served as primary contact for federal, state, and local regulatory agencies and emergency responders.

Maintained facility and medical device compliance to USNRC standards and federal regulations.

Managed a staff of radiation safety technicians during normal routines, emergency events (site-wide emergency exercise) and special projects (D & D, Environmental Monitoring).

Provided training programs to new employees, contractors, regulatory agency inspectors, and local emergency responders.

Managed day-to-day operations of a medical device production/laboratory facility (radiation surveys, environmental monitoring of air, water and soil, general plant safety

and building systems).

Represented the company at off-site regulatory meetings, local community meetings and sales conventions.

Served as an officer of the corporate radiation safety committee.

Served as an on-call emergency event responder 24 hours a day, 7 days per week.

12/1993-7/1996 Advanced Medical Systems, Inc. Cleveland, Ohio
Isotope Handler/Service Engineer

Traveled to customer sites to promote company products, perform preventative maintenance and source exchanges.

Represented the company during site inspections, informational tours, and professional meetings.

Performed complex calibrations of medical device sources.

Performed instrument calibrations and maintained facility systems (Hot Cell, HEPA Ventilation System, Negative Pressure Laboratory).

Served on the corporate radiation safety committee.

Performed compliance duties in medical device production/laboratory setting.

5/1991-12/1993 Advanced Medical Systems, Inc. Cleveland, Ohio
Isotope Technician

Shipping and receiving of radioactive medical sources to meet customers needs and demands in the United States and Outside the United States in accordance with site SOP procedures and federal guidelines.

Performed compliance routines in accordance with SOP Procedures in a medical device company production/ laboratory environment.

Assisted in special site projects (D & D, HEPA Ventilation Project, Hot Cell Restoration).

Interacted with physicians, distributors, and regulatory agencies concerning the manufactured medical device and source.

Performed duties in a medical production laboratory setting. Served as an on-call emergency event responder 24 hours a day, 7 days per week.

Education

1982-1986 Baldwin-Wallace College Berea, Ohio
B.A. Secondary Education

Radiation Safety Officer - CSI and Radiation Service Organization (40 hour course), 1996.

Radiation Safety Officer – Radiation Safety Academy (40 hour refresher), 2004.

Certificate of Training

This Certifies That

Stephen J. Haddock

has successfully completed the 40-hour course of instruction for

Radiation Safety Officer

September 16-20, 1996

Presented By

CSI-Radiation Safety Training
3827 Farragut Avenue
Kensington, MD 20895

and

Radiation Service Organization
P.O. Box 1526
Laurel, MD 20725

Ray Johnson

Raymond Johnson, C.H.P., P.E.
Course Director

Certificate of Training

Awarded To

Stephen Haddock

Recognizing completion of 5 days of specialized instruction in

RSO Refresher

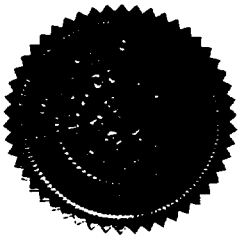
November 19, 2004

Presented By

Radiation Safety Academy
481 North Frederick Avenue, Suite 302
Gaithersburg, Maryland 20877

Ray Johnson

Raymond Johnson, CHP, PE, RSO
Training Director



Certificate of Training

This Certifies That

Stephen Haddock

has been trained, tested and successfully completed the specialized instruction in

DOT & NRC Requirements for Shipping and Receiving Radioactive Materials

November 18, 2004

Presented By: **Sean M. Austin, Instructor**
Radiation Safety Academy
481 North Frederick Avenue, Suite 302, Gaithersburg, Maryland 20877
www.RadiationSafetyAcademy.com -- 301-990-6006

Presented For: **Siemens Medical Solutions USA, Inc.**

Presented At: **Gaithersburg, MD**

This certifies that the employee named on this certificate has been trained and tested in accordance with the training requirements of 49 CFR, Subpart H

Employer's Signature

This certificate is valid for 24 months for ICAO/IATA and for three years for U.S. Department of Transportation and U.S. Nuclear Regulatory Commission or Agreement State Agencies

Sean Austin, CHP
Senior Health Physicist

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MATERIALS LICENSE

Amendment No. 51

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.

Licensee	
1. Advanced Medical Systems, Inc.	In accordance with the letter dated August 8, 1997
2. 1020 London Road Cleveland, OH 44110	3. License Number 34-19089-01 is amended in its entirety to read as follows:
	4. Expiration Date December 31, 1994
	5. Docket or Reference No. 030-16055/040-08764/030-17154

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. Solid Metal	A. 150,000 curies
B. Cobalt-60	B. Sealed sources (teletherapy/ radiography sealed sources which have been evaluated and approved for commercial distribution by the NRC or an Agreement State)	B. 136,000 curies (no single source to exceed 13,700 curies)
C. Cesium-137	C. Sealed sources (teletherapy/ radiography sealed sources which have been evaluated and approved for commercial distribution by the NRC or an Agreement State)	C. 40,000 curies (no single source to exceed 2,200 curies)
D. Depleted Uranium	D. Nickel Plated	D. 4,040 kilograms
E. Cobalt-60	E. Sealed Sources	E. 15,000 curies

Post-it® Fax Note 7671 | Date 1/6/03 | # of pages ▶ 11
To Steve Haddad | From Carol Berg
Co./Dept. | Co.
Phone # | Phone #
Fax # 713-215-1257 | Fax #

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NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 OF 11 PAGES

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number: 34-19089-01

Docket or Reference Number: 030-16055/040-08764/030-17154

Amendment No. 51

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
F. Cobalt-60	F. Sealed Sources (any sealed source approved by the NRC or an Agreement State)	F. 15 millicuries

9. Authorized Use:

A. For storage only incident to waste disposal or transfer to an authorized recipient. This license does not authorize the manufacture of sealed sources.

B. For installation, maintenance, dismantling and servicing of Picker Corporation and Advanced Medical Systems, Inc. teletherapy units and Picker Model 6145 radiography units possessed by licensees authorized to possess the radioactive material pursuant to a specific license issued by the Commission or an Agreement State. For installation and removal of sealed sources into Picker Corporation, Advanced Medical Systems, Inc. and Eldorado Stereo teletherapy units of licensees authorized to possess the radioactive material pursuant to a specific license issued by the Commission or an Agreement State. For training Hospital or Clinic personnel for in-house service operations on teletherapy equipment, one unit model per course, in accordance with letter dated August 15, 1988 and September 29, 1988.

C. For installation, maintenance, dismantling and servicing of Picker Corporation and Advanced Medical Systems radiography and teletherapy units of licensees authorized to possess the radioactive material pursuant to a specific license issued by the Commission or an Agreement State.

D. Shielding material in Picker Corporation and Advanced Medical System, Inc., radiography and teletherapy devices.

E. For storage only, those non-NRC approved sources in the possession of the licensee prior to the issuance of this amendment.

F. For use in devices (including Tech OP Model 571 Calibrator described in application dated November 12, 1984) approved by the Nuclear Regulatory Commission or an Agreement State to calibrate radiation survey instruments.

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MATERIALS LICENSE SUPPLEMENTARY SHEET

34-19089-01

030-16055/940-08764/030-17154

Amendment No. 51

CONDITIONS

10. Licensed material in Items 6.A., 6.E. and 6.F. shall be used only at the licensee's facility at 1020 London Road, Cleveland, Ohio. Licensed material in Items 6.B. and 6.C. shall be used only at 1020 London Road, Cleveland, Ohio and at facilities of customers who possess a specific license from the NRC authorizing possession of the licensed material. Licensed material in Item 6.D. shall be used only at the licensee's facilities at 1020 London Road, Cleveland, Ohio or 121 North Eagle Street, Geneva, Ohio, and at facilities of customers who possess a specific license from the NRC authorizing possession of the licensed material.

11. A. The Radiation Protection Officer for service operations described in Subitems 9.B. and 9.C. and routine health physics activities is Stephen J. Haddock.

The Alternate Radiation Protection Officer for routine health physics activities only is Christopher Reed.

The licensee shall not perform service operations described in Subitems 9.B. and 9.C. until Stephen J. Haddock has completed the required training.

B. Licensed material shall be used by, or under the supervision of and in the physical presence of, users listed in the table below. The users are only authorized to perform the indicated services on the teletherapy or radiography units specified in the table below.

AMS/PICKER TELETHERAPY/RADIOGRAPHY UNITS MODELS

USER	CS 600	C 1000	C 2000	C 3000	C 8000	C 10,000	C4	C8	C9	C12	Cyclops
Stephen Haddock	S	S	S	S	S	S	S	S	S	S	S

AMS/PICKER TELETHERAPY/RADIOGRAPHY UNITS MODELS

USER	V 1000	V 2000	V 3000	V 10,000	C V4	C V9					
Stephen Haddock	S	S	S	S	S	S					

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License Number 34-19089-01

Docket or Reference Number 030-16656/040-08764/030-17154

Amendment No. 51

MATERIALS LICENSE SUPPLEMENTARY SHEET

1. Authorizes the servicing of AMS/Picker units, excluding source exchange.
2. Authorizes sealed source exchange.
3. Authorizes removal of unit and head from customer sites only.
4. Authorizes the training of AMS personnel in the manufacture of AMS/Picker sealed sources.
5. Authorizes the handling of sealed sources only.

12. A. (1) Each sealed source acquired from another person and containing licensed material, other than hydrogen-3, with a half-life greater than 30 days and in any form other than gas shall be tested for contamination and/or leakage before use. In the absence of a certificate from a transfer or indicating that a test has been made within 6 months before the transfer, a sealed source received from another person shall not be put into use until tested.

(2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting materials or 10 microcuries or less of alpha emitting material.

(3) Except for alpha sources, the periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excluded from this test shall be tested for leakage before any use or transfer to another person unless they have been leak tested within 6 months before the date of use or transfer.

B. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to use or transfer as a sealed source. If the inspection or test reveals any construction defects or 0.005 microcurie or greater of contamination, the source shall not be used or transferred as a sealed source until it has been repaired, decontaminated and retested.

C. Each sealed source containing licensed material, other than hydrogen-3, with a half-life greater than 30 days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed 6 months except that each source designated for the purpose of emitting alpha particles shall be tested at intervals not to exceed 3 months.

D. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in what the sealed source is permanently or semi-permanently mounted or stored on which one might expect contamination to accumulate. Records o leak test results shall be kept in units of microcuries and maintained for inspection by the Commission. Records may be disposed of following Commission inspection.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

E. If the test required by Subsection A. or C. of this condition reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois 60532-4351, ATTN: Chief, Nuclear Materials Safety Branch, describing the equipment involved, the test results, and the corrective action.

13. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

14. Inventory Requirements:

A. An inventory system will be established that accounts for the receipt, movement, transfer and disposal of all radioactive material possessed under this license. Records of inventories will be maintained for 10 years from the date of each inventory.

B. A complete examination of records will be completed every six months to confirm the location of all radioactive material and ensure that possession is within the limits specified in this license.

C. A physical inventory of all radioactive material possessed under this license will be conducted on or before [illegible]. Thereafter, a physical inventory of all radioactive material possessed under this license will be completed within 60 months of the previous physical inventory.

15. The licensee's field service audits (as described in the ATC Medical Group Management Plan, revised April 1, 1989, and submitted with letter dated April 17, 1989) shall be performed unannounced by the Radiation Protection Officer (i.e., Radiation Safety Officer).

16. The licensee shall follow the recommend survey frequencies outlined in Regulatory Guide 8.21, Revision 1, October 1979, in work areas where radioactive materials are handled or used.

17. The licensee shall maintain records of information important to safe and effective decommissioning at 1020 London Road, Cleveland, Ohio per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

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MATERIALS LICENSE
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Amendment No. 51

18. The licensee shall maintain and execute the response measure of their Emergency Plan dated October 25, 1991 and revised January 1992, May 27, 1992 and April 26, 1993. The licensee shall make no change in the emergency plan submitted pursuant to 10 CFR [30.32(i), 40.31(j), 70.22(i)] that would decrease the effectiveness of the plan without prior Commission approval. The licensee may make changes to its Emergency Plan without prior Commission approval if the changes do not decrease the effectiveness of the plan. The licensee shall maintain records of changes that are made to the plan without prior approval for a period of three years from the date of the changes and shall furnish the Director, Industrial, Academic, and Commercial Use Safety Branch, Division of Industrial and Medical Nuclear Safety, NMSS, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and the appropriate NRC Regional Office specified in Appendix D of 10 CFR 20, a report, within six months after the change is made, containing a description of each change.

19. The licensee is authorized to begin the following activities no sooner than March 17, 1995, and must complete them by the date specified on each item in accordance with letters dated January 27, February 2, 10, and 14, and March 1, 3, 8, and 10, 1995, wherein the licensee proposed and clarified its plans for: (1) dealing with the accumulation of ground water in and around its facility basement; (2) immobilizing and/or remediating contamination that has collected in below ground sewer piping and manholes; and (3) processing future ground water that builds up around the facility. These plans address the following actions the licensee will take:

A. Process water that is currently stored outside its facility in above-ground tanks.

1. Tanked water will be processed in-situ using a submersible water treatment system that includes filtration and ion-exchange demineralization as described in letters dated March 1, 3, 8, and 10, 1995.

11. Water will be treated until it contains no detectable non-soluble cobalt-60 and less than 1000 pCi/l of soluble cobalt-60 as determined by a contract analytical laboratory. The licensee may continue to pump treated water to the collapsible storage containers prior to receiving results of solubility tests from the contract laboratory. The treated water will subsequently be pumped to 25,000 gallon storage containers located in the facility warehouse, as described in letters dated March 3, 8 and 10, 1995.

B. Simultaneously pump and process water currently residing in the sewer manhole and lateral, building sump pit and basement. This project shall be completed by June 30, 1995.

1. Pumping will be sequenced as described in letter dated March 1, 1995, to ensure a positive hydrostatic pressure is maintained from outside to inside the facility's basement.

NRC FORM 374A (9-91) U.S. NUCLEAR REGULATORY COMMISSION

MATERIALS LICENSE SUPPLEMENTARY SHEET

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ii. Water in the sewer manhole, lateral, building sump pit, and basement will be pumped to a radiologically controlled area of the facility and processed using a skid mounted, multi-stage filtration and ion-exchange system as described in letters dated March 1, 3, 8 and 10, 1995. Spill procedures and radiological controls will be implemented as described in letter dated February 14, 1995, and Attachment 2 to letter dated March 1, 1995.

iii. Water removed from the sewer manhole, lateral, building sump pit, and basement will be treated to contain no detectable non-soluble cobalt-60 and less than 1000 pCi/l soluble cobalt-60 as determined by a contract analytical laboratory. The licensee may continue to pump treated water to the collapsible storage containers prior to receiving results of solubility tests from the contract laboratory. The treated water will subsequently be pumped to 25,000 gallon storage containers located in the facility warehouse, as described in letters dated March 3, 8, and 10, 1995.

C. Water sampling and analytical protocols will be as described in letter dated February 2, 1995, as clarified in letters dated February 14, and March 3, 1995. Solubility of cobalt-60 in samples containing detectable activity will be demonstrated in accordance with the commitments in Supplement 2 to letter dated March 3, 1995. All solid residuals generated from the water processing activities, (including filter and demineralizer resin wastes, will be collected and stored at the Lemoyne Road facility pending its ultimate disposal as radioactive waste.

D. Excavate areas around the facility to allow: (i) access to the radioactively contaminated four-inch waste discharge line; and (ii) the radiological evaluation of the facility's underdrain system and surrounding soils.

1. Excavate the soil in the vicinity of the building's four-inch waste discharge line and underdrains and disconnect these drains as described in letter dated March 1, 1995. Evaluate the radiological contamination status of the underdrain system and remediate or replace the system. Reconnect the underdrain system to the building sump pit and pump, test and process the underdrain system waters as described in letter dated March 1, 1995. The testing and processing of water pumped from the underdrain system will continue until sampling of the water consistently reveals no detectable non-soluble cobalt-60 and less than 200 pCi/l soluble cobalt-60.

ii. Evaluate the radiological status of the soil in the vicinity of the underdrain system and building sump pit as described in the letter dated March 1, 1995.

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MATERIALS LICENSE
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Amendment No. 51

E. Immobilize the radioactive contamination present in the sewer manhole and lateral.

1. Completely grout-in the radioactively contaminated manhole and lateral up to the sewer interceptor as described in "Issue 4" of letter dated January 27 and letter dated March 1, 1995. The grouting will render the existing sewer discharge piping system inoperable and immobilize (fix) the radioactive contamination that resides in the system.

F. Remediate the London Road interceptor in the vicinity of the abandoned lateral, as described in letter dated January 27, 1995. The remediation activities will be coordinated with the Northeast Ohio Regional Sewer District.

G. 1. The licensee shall notify the NRC Region III office no later than July 14, 1995, regarding the status of the completion of License Condition Numbers 19.B., 19.C., and 19.E.

11. The licensee shall notify the NRC Region III office no later than July 14, 1995, to confirm initiation of the remediation project described in License Condition Number 19.F., and provide an estimated completion date.

H. The licensee shall notify the NRC Region III office in writing of any change in projected milestone dates specified in letter dated July 19, 1995 for the projects described in License Condition Nos. 19.B., C., E. & F. Included in the notification must be the reason for the change and the revised milestone date.

20. The licensee is authorized to install a new manhole and lateral and re-connect this to the existing under drain system. The purpose of the new manhole is strictly to act as a means of collecting water from the under drain system which will be pumped to storage containers and subsequent analysis for cobalt-60 concentration.

21. The licensee is authorized to install and operate the water evaporation equipment described in letters dated March 22, 1995, June 8, 1995 and June 29, 1995.

22. Notwithstanding previous requirements, and based upon additional information provided in letters dated October 17, 1995, and December 11, 1995, the licensee is not required to grout-in the 4-inch sewer discharge line and the abandoned footer drain.

23. The licensee is authorized to perform Task 2 of the Building Recovery Project as described in letters dated June 10, 1996, July 8, 1996, September 18, 1996, October 3, 1996, October 11, 1996, November 1, 1996, February 21, 1997, and May 15, 1997.

NRC FORM 374A (9-88) U.S. NUCLEAR REGULATORY COMMISSION

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MATERIALS LICENSE
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24. The following conditions apply to the Building Recovery Project:

A. The BRP funds released from the collateral supporting the letter of credit dated August 20, 1996, shall be used solely for the purpose of completing Task 2 of the BRP.

B. Immediately after the release of funds, the licensee shall secure an amendment to the August 20, 1996 letter of credit to reflect the remaining balance of the supporting collateral. This shall be submitted to NRC for review immediately after the instrument is amended.

C. Any funds remaining after Task 2 is completed shall be added to the collateral supporting the letter of credit, and the letter of credit must be revised to reflect the addition of the collateral. This shall be submitted to the NRC for review.

D. The funds released from the collateral supporting the letter of credit shall not be used for implementation of Tasks 3 through 12 of the BRP.

25. The licensee will submit a revised Decommissioning Funding Plan with a cost estimate based upon the immediate dismantlement option no later than July 1, 1997.

26. A. Advanced Medical Systems, Inc. is authorized to collect, sample, and test the water from its foundation drainage system per the following procedures, dated April 3, 1997: RSP-018, "Operation of the Gamma Spectrometer," RSP-019, "Assessment of Radioactivity in Water Samples," and RSP-022, "Quality Assurance for Radionuclide Analysis by Gamma Spectroscopy." Each tank of water shall be analyzed for total cobalt-60 content (soluble and insoluble) and for insoluble cobalt-60.

B. Before the water may be discharged into the sanitary sewerage system, all of the following criteria must be satisfied: (1) discharges of water shall not exceed 25,000 gallons in a 24-hour period, (2) water that contains total cobalt-60 activity of greater than 100 picocuries per liter (pCi/l) shall not be discharged, (3) water that contains detectable insoluble cobalt-60 (minimum detectable activity no greater than 15 pCi/l of water) shall not be discharged. Insoluble cobalt-60 for purposes of this license condition is any cobalt-60 activity, above background, that is stopped by a filter of pore size no greater than 0.45 micrometer.

NRC FORM 374A (9-88) U.S. NUCLEAR REGULATORY COMMISSION

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27. 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 November 12, 1984;

B. Letters dated November 12, 1984 (excluding Item 4), February 12, 1985, June 7, 1985 (excluding letter, Item 4), September 6, 1985 (excluding change to Page 29 of ISP-1 manual);

C. Letters dated May 29, 1986 (Response to Enclosure A, Significant Licensing Deficiencies of NRC letter dated March 7, 1986);

D. Letter dated July 23, 1986 (Response to Enclosure B, Additional Licensing Issues for Renewal Applications of NRC letter dated March 7, 1986) excluding approval of the licensee's in-house training program;

E. Letters dated August 22, 1986, October 28, 1986, November 19, 1986, November 14, 1986 and December 4, 1986 (with Revised ISP-1 Manual, Appendices A and B attached), May 7, 1987, August 25, 1987, December 31, 1987, January 15, 1988 (Item 4 only), August 15, 1988 (with attached course manual), September 29, 1988 (with attachments) and November 21, 1988.

F. Letters dated March 29, 1989 (except Section 3.4 "Hot Cell Entry and Action Levels"), April 7, 1989, August 25, 1989 (except Item 8(4)), July 23, 1990 (except Sections 3.0 and 5.0 of ISP-14 procedure), March 1, 1991 (with attachments), March 27, 1991 (with attachments), May 9, 1991, May 14, 1991, February 27, 1992, February 28, 1992, March 2, 1992, and March 5, 1992.

G. Letters dated April 16, 1992 (with enclosures), June 15, 1992 (with attachments), August 10, 1992, September 18, 1992, December 29, 1992 (with enclosures), January 20, 1993, March 30, 1993, March 31, 1994 (with enclosure), April 11, 1994, and September 21, 1994.

H. Letters with attachments dated January 27, 1995, February 2, 10, and 14, 1995, and March 1, 1995 (excluding reference to grouting in the four-inch sewer discharge line), and March 3, 8, and 10, 1995.

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

PAGE 11 OF 11 PAGES

License Number: 34-19089-01

Docket or Reference Number: 030-16056/040-08764/030-17154

Amendment No. 51

Notwithstanding any reference to the specific activities in the above listed letters, the following activities are not addressed by this license.

i. The discharge of treated water to the sanitary sewer system.

ii. Installation of a composite sampler and flow gage.

iii. Conventional disposal of excavated soils exhibiting cobalt-60 concentrations greater than 6.0 pCi/g.

I. Letters dated May 3, 1995, May 17, 1995, June 6, 1995, June 13, 1995 and June 14, 1995 (received June 21, 1995) March 22, 1996 (Item 1 related to water evaporation use and associated attachments), June 6, 1996, June 14, 1996 (received June 18, 1996), June 29, 1996, July 19, 1996 (excluding all references to grouting in the four-inch sewer discharge line and the abandoned footer drain in the vicinity of the Source Garden), July 20, 1995, July 21, 1995, October 17, 1995, October 11, 1995 (with referenced photograph), June 10, 1996 (excluding the use of funds released from the collateral supporting the letter of credit to implement Tasks 3 through 12 of the Building Recovery Project), April 24, 1996, July 1, 1996, July 15, 1996, January 7, 1997, and June 5, 1997.

J. Surveillance Plan for the London Road Facility submitted in letters dated September 5, 1995, December 18, 1995 and May 21, 1996.

K. Tasks 1 and 2 of the Building Recovery Project submitted in letters (with attachments) dated June 10, 1996, July 8, 1996, September 18, 1996, October 3, 1996, October 11, 1996, November 1, 1996, February 21, 1997 and May 15, 1997.

L. Emergency Plan for the London Road facility (as required by 10 CFR 30.32) submitted in letters (with attachments) dated September 21, 1995, March 21, 1996, June 7, 1996, August 14, 1996, and August 8, 1997; and

M. Letter dated April 3, 1997 (with attachments RSP-018, "Operation of the Gamma Spectrometer," RSP-019, "Assessment of Radioactivity in Water Samples," and RSP-022, "Quality Assurance for Radionuclide Analysis by Gamma Spectroscopy").

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 7/8/97

By Kevin G. Null
Nuclear Materials Licensing Branch, Region III

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	:	(FOR LFMS USE)
	:	INFORMATION FROM LTS
BETWEEN:	:	----------
	:	
License Fee Management Branch, ARM	:	Program Code: 03225
and	:	Status Code: 3
Regional Licensing Sections	:	Fee Category: _____
	:	Exp. Date: 0
	:	Fee Comments: _____
	:	Decom Fin Assur Reqd: _
	::	

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED
   Applicant/Licensee: SIEMENS MEDICAL SOLUTIONS USA, INC.
   Received Date: 20050228
   Docket No: 3036878
   Control No.: 136513
   License No.: 32-31021-01
   Action Type: New Licensee

2. FEE ATTACHED
   Amount: /
   Check No.: /

3. COMMENTS
   Admin Action License moved From NJ to NC Mailing Address

Signed Rebecca Jarvis
Date 2/28/2005

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

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:
   Amendment _____
   Renewal _____
   License _____

3. OTHER _____
   _____

Signed _____
Date _____