

VOID SHEET

TO: License Fee Management Branch

FROM: PTA

SUBJECT: VOIDED APPLICATION

Control Number: 253479
Applicant: Diagnostic Med. Imaging
Date Voided: 6/27/90
Reason for Void: applicant request.

Quinn O'Brien 6/27/90
Signature Date

Attachment:
Official Record Copy of
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due
- Fee Exempt or Fee Not Required

Comments: _____

Log completed
Processed by: Ms. Murrin 7/1/90

RECEIVED
JUL -3 1990
90 JUL -3 19:23
US HQ
TELEPHONE

ML20
1/1



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

Diagnostic Medical Center
ATTN: Dr. L. S. Agrawal
Chairman
11950 Mac Corkle Avenue
Chesapeake, WV 25315

REFUND OF APPLICATION FEE

1. BACKGROUND:

Check Received June 25, 1990
Application Dated June 5, 1990
Check Number 9017
Check Amount \$120

2. REFUND:

Amount \$120

This refund is now being processed and will be sent as soon as possible.

3. REASON FOR REFUND:

June 5, 1990 request for an amendment to License 47-25098-01 was voided at licensee's request prior to review.

NOTE: THE ENCLOSURE 10 CFR 170 CONTAINS THE COMMISSION'S CURRENT SCHEDULE OF MATERIALS LICENSE FEES. IF YOU HAVE ANY QUESTIONS CONCERNING THE FEES TO BE SUBMITTED WITH FUTURE APPLICATIONS, PLEASE CONTACT US AT 301-492-4650.

Mm 7/13/90
Maurice Messier
License Fee and Debt Collection Branch
Division of Accounting and Finance
Office of the Controller

Enclosure: 10 CFR 170

M120
11



U.S. NRC REGN.-II
Atlanta, Ga.

DIAGNOSTIC MEDICAL CENTER 58

11950 MacCorkle Ave.
CHESAPEAKE, WV 25315
(304) 849-1010

L.S. Agrawal, M.D.

J.S. Kalevar, M.D.

S.K. Thereja, M.D.

June 5, 1990

U.S. Nuclear Regulatory Commission
Materials Licensing Branch
Region II 101 Marietta Street, NW Suite 2900
Atlanta, Georgia 30323

RE: Amendment to license number 47-25098-01

Gentlemen:

Please amend license #47-25098-01 concerning the users and the Radiation Safety Officer.

Diagnostic Medical Center is requesting that Dr. C.R. Duncan, Dr. Thomas Hayes, Dr. Martin S. Wershba, Dr. Ravindra K. Goginenie, Dr. Carl Binns, and Dr. David Abramowitz be removed from Diagnostic Medical Center's Nuclear Regulatory Commission license. The Diagnostic Medical Center's need for a full time radiologist could not be met by Kanawha Valley Radiology Associated Group, effective June 1, 1990.

We are requesting that Dr. Mukesh Karwat, a user and radiation safety officer on license #IL-01381-01 for Hopedale Medical Complex, Hopedale Illinois, be added to Diagnostic Medical Center's Nuclear Regulatory Commission license as a user and a Radiation Safety Officer, effective July 15, 1990.

During the interim period, between June 1 and July 15, 1990, we are requesting that Dr. Alva Deardorff be added to our license as a visiting user and functioning radiation Safety Officer, at which time Dr. Mukesh Karwat will be assuming position as primary radiologist and Radiation Safety Officer.

Enclosed are copies of Diagnostic Medical Center's previous users and a copy of the radiation safety officer's authorization. Also, included is a copy of the radioactive material license that Dr. Mukesh Karwat is listed as both user and Radiation Safety Officer.

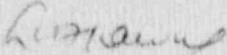
RECEIVED
90 JUN 25 10 23

*Jun-4-90
Lalit S. Agrawal M.D. Inc.
9017
\$120
7c
Amel
6/21/90
6/25/90
revision
\$120 refunded 7/3/90*

This revision will become effective June 1, 1990.

Thank you for your prompt attention.

Sincerely,



Dr. L.S. Agrawal
Chairman



DIAGNOSTIC MEDICAL CENTER

11950 MacCorkle Ave.
CHESAPEAKE, WV 25315
(304) 949-1010

L.S. Agrawal, M.D.

J.S. Kalaver, M.D.

S.K. Thareja, M.D.

Memo To: All Employees
From: Chief Executive Officer
Subject: Delegation of Authority

Mukesh Karwat, M.D. has been appointed Radiation Safety Officer and is responsible for ensuring the safe use of radiation. The Radiation Safety Officer is responsible for managing the radiation safety program; identifying radiation safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations. The Radiation Safety Officer is hereby delegated the authority necessary to meet those responsibilities.

The Radiation Safety Officer is also responsible for assisting the Radiation Safety Committee in the performance of its duties and serving as its secretary.

Effective July 15, 1990

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 02200
STATUS CODE: 0
FEE CATEGORY: 70
EXP. DATE: 19950531
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: DIAGNOSTIC MEDICAL IMAGING
RECEIVED DATE: 900612
DOCKET NO: 3081694
CONTROL NO.: 253479
LICENSE NO.: 47-25098-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: 120.00
CHECK NO.: 5017

3. COMMENTS

SIGNED Quinn O. Heim
DATE 11/9/90

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1/1)

1. FEE CATEGORY AND AMOUNT: 70 (\$120)

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

3. OTHER _____

SIGNED Mr. Messier
DATE 6/2/90

STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY

RADIOACTIVE MATERIAL LICENSE

DIVISION OF NUCLEAR MATERIALS
1035 OUTER PARK DRIVE
SPRINGFIELD, ILLINOIS 62704

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Illinois Department of Nuclear Safety now or hereafter in effect and to any conditions specified in the license.

LICENSEE Hopedale Medical Complex P.O. Box 267 Hopedale, Illinois 61747	LICENSE NUMBER IL-01381-01	EXPIRATION DATE February 28, 1994
	AMENDMENT NUMBER <input checked="" type="checkbox"/> INITIAL LICENSE	REFERENCE NUMBER 9003443
Attention: Lyle Schapler Administrator	<input type="checkbox"/> Initial License <input type="checkbox"/> Amendment through Amendment constitute a complete license. <input type="checkbox"/> PREVIOUS AMENDMENTS ARE VOID.	

In accordance with application dated December 30, 1988, License Number IL-01381-01 is issued as follows:

ITEM	RADIONUCLIDE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
A.	Any in Groups I or II	Any radiopharmaceutical listed in Groups I or II, 32 Ill. Adm. Code 330.App.C		As necessary
B.	Any in Group III	Any form listed in Group III, 32 Ill. Adm. Code 330.App.C		As necessary
C.	Any radionuclide	Any commercially available calibration or reference source	15 mCi	Any

AUTHORIZED USE:

- A. Any diagnostic procedure listed in Groups I or II, 32 Ill. Adm. Code 330.App.C.
- B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III, 32 Ill. Adm. Code 330.App.C.
- C. Calibration or reference standards for use in accordance with 32 Ill. Adm. Code 330.260(c)(4)(D) and 330.260(c)(5) and (6).

CONDITIONS

1. Radioactive material shall be used only at the licensee's facilities located at 107 Tiemont Avenue, Hopedale, Illinois in accordance with statements, representations and procedures listed in License Condition 19.

ASC

* uCi-Microcurie; mCi-Millicurie; Ci-Curie

BY: Steven C. Collins, Chief IL 473-0058	<i>Steven C. Collins</i>	DATE February 21, 1989	PAGE 1	OF 4	PAGES
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STATE OF ILLINOIS
DEPARTMENT OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

LICENSEE Hopedale Medical Complex		LICENSE NUMBER IL-01381-01	ASSESSMENT NUMBER <input checked="" type="checkbox"/> INITIAL LICENSE	EXPIRATION DATE February 28, 1994
ITEM	RADIONUCLIDE	CHEMICAL AND/OR PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT

2. Radioactive material is authorized for use by, or under the supervision of, Mukesh P. Karwat, M.D.
3. The licensee shall comply with the provisions of the regulations contained in 32 Illinois Administrative Code.
4. The Radiation Safety Officer for the activities authorized by this license is Mukesh P. Karwat, M.D.
5. For a period not to exceed 60 days in any calendar year, a visiting physician is authorized to use radioactive material for human use under the terms of this license, provided the visiting physician:
 - A. Has the prior written permission of the hospital's Administrator and Radiation Safety Committee,
 - B. Is specifically named as a user on a license authorizing human use, issued by the Department, an Agreement State, a Licensing State or the U.S. Nuclear Regulatory Commission, and
 - C. Performs only those procedures which the physician is specifically authorized to perform pursuant to a license issued by the Department, an Agreement State, a Licensing State or the U.S. Nuclear Regulatory Commission.

The licensee shall maintain, for inspection by the Department, copies of the written permission and of the license(s) specified above for a period of five (5) years from the date permission is granted under this Condition.

6. A. The licensee shall leak test sealed sources containing radioactive material in accordance with the provisions of 32 Illinois Administrative Code 330.260(c)(5).
 - B. Tests for leakage and/or contamination shall be performed by persons specifically authorized by the Department, an Agreement State, a Licensing State or the U.S. Nuclear Regulatory Commission to perform such services.
7. The licensee shall conduct a physical inventory at intervals not to exceed three (3) months to account for all radioactive material sources and/or devices received and possessed under the license and shall maintain a record of such inventories. The inventory record shall include the radionuclide, activity, manufacturer, model number, serial number or activity assay date, the location of the sealed sources, date of the inventory, and the identity of the person(s) performing the inventory. Records of inventories shall be maintained for two (2) years from the date of each inventory.

*Ci-Microcurie; mCi-Millicurie; Ci-Curie

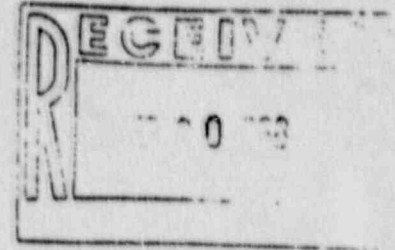
PAGE 1 SIGNED BY: Steven C. Collins, Chief IL 4.2-0059	DATE February 21, 1989	PAGE 2	OF 4	PAGES
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NUCLEAR DIAGNOSTICS, INC.

SPECIALISTS IN NUCLEAR MEDICINE PROCEDURES

29W281 CALUMET
WARRENVILLE, ILLINOIS 60555
(312) 393-2889



September 19, 1988

James H. Ewan Chief
Division of Nuclear Materials
Illinois Dept. of Nuclear Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Radioactive License

IL-00585-01

Dear Mr. Ewan:

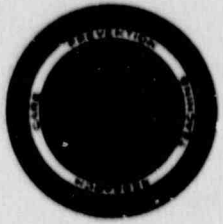
This is a proposed amendment for Illinois License number
IL-00585-01.

We would like to add the following two hospitals to our
license:

1. Hopedale Medical Complex, Hopedale, Illinois 61747
 - A. Enclosed is a sketch of room 101
This would be the room utilized for Nuclear Medicine.
 - B. Dr. Mukesh P. Karwat would be our on-site user.
Enclosed is a copy of his Preceptor Statement.
 - C. Enclosed is a Letter of Authorization. You will
note that Dr. Karwat has replaced Dr. Nikrodhanond
since that letter was written by Mr. Schapler, Administrator.

2. Fayette County Hospital, Seventh and Taylor Sts.,
Vandalia, Illinois, 62471
 - A. Enclosed is a sketch of room 133. This would be the
room utilized for Nuclear Medicine.
 - B. Dr. Richard Rudman will be our on-site user. He
was the user and R.S.C. for their previous State
License #12-01678-01. Enclosed is a Letter of Termination.
 - C. A Letter of Authorization will arrive under separate
cover from their Administrator.

Saint Barnabas Medical Center
 Livingston
 New Jersey



A Major Teaching Affiliate of the
 University of Medicine and Dentistry of New Jersey -
 New Jersey Medical School

This Certifies That
Mukesh D. Harwal, M.D.

has served as
 Resident in Diagnostic Radiology
 Special Competence in Nuclear Radiology

for the period

July 1, 1985 - June 30, 1986

In Witness Whereof, the official representatives of Saint Barnabas Medical Center
 and its Medical Staff hereby subscribe their names



Dr. John Smith
 President of Saint Barnabas Medical Center
Ronald J. Albrecht
 Secretary

Dr. D. Johnson
 Chairman of Staff
Ann's Johnson
 Secretary

MODEL DELEGATION OF AUTHORITY

Memo To: All Employees

From: Chief Executive Officer

Subject: Delegation of Authority

W. Alva Deardorff, M.D. has been appointed Radiation Safety Officer and is responsible for ensuring the safe use of radiation. The Radiation Safety Officer is responsible for managing the radiation safety program; identifying radiation safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations. The Radiation Safety Officer is hereby delegated the authority necessary to meet those responsibilities.

The Radiation Safety Officer is also responsible for assisting the Radiation Safety Committee in the performance of its duties and serving as its secretary.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

47-17745-01

Docket or Reference number

030-13268

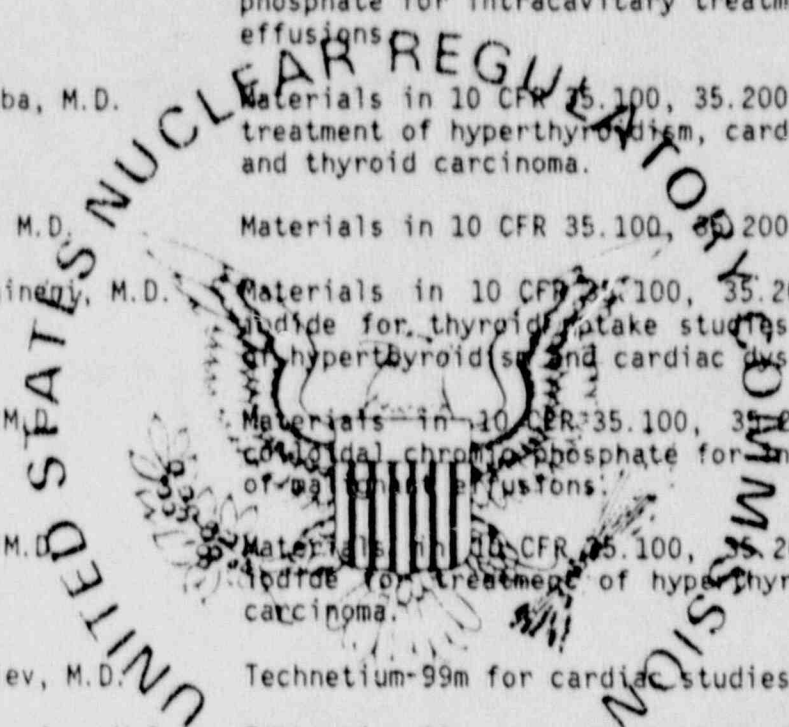
Amendment No. 19

(cont'd)

CONDITIONS

12. Authorized Users:

- A. W. Alva Deardorff, M.D. Materials in 10 CFR 35.100, 35.200 and 35.300.
- B: Thomas M. Hayes, M.D. Materials in 10 CFR 35.100, 35.200, I-131 for treatment of hyperthyroidism, cardiac dysfunction, and thyroid carcinoma, and P-32 as colloidal chromic phosphate for intracavitary treatment of malignant effusions.
- C. Martin S. Wershba, M.D. Materials in 10 CFR 35.100, 35.200 and I-131 for treatment of hyperthyroidism, cardiac dysfunction, and thyroid carcinoma.
- D. Carl R. Duncan, M.D. Materials in 10 CFR 35.100, 35.200 and 35.300.
- E. Ravindra K. Gogineni, M.D. Materials in 10 CFR 35.100, 35.200 and I-131 as iodide for thyroid uptake studies and for treatment of hyperthyroidism and cardiac dysfunction.
- F. Carl B. Binns, M.D. Materials in 10 CFR 35.100, 35.200 and P-32 as colloidal chromic phosphate for intracavitary treatment of malignant effusions.
- G. D. Abramowitz, M.D. Materials in 10 CFR 35.100, 35.200, and I-131 as iodide for treatment of hyperthyroidism and thyroid carcinoma.
- H. Maria T. Georgiev, M.D. Technetium-99m for cardiac studies.
- I. Nicholas Cassis, Jr., M.D. Technetium-99m as pertechnetate for thyroid uptake studies and thyroid imaging and I-131 as iodide for thyroid uptake studies, thyroid imaging, and for treatment of hyperthyroidism, cardiac dysfunction, and thyroid carcinoma.
- J. Glen Crotty, Jr., M.D. Technetium-99m as pertechnetate for thyroid uptake studies and thyroid imaging and I-131 as iodide for thyroid uptake studies, thyroid imaging, and for treatment of hyperthyroidism, cardiac dysfunction, and thyroid carcinoma.
- K. Mohammed A. Siddiqui, M.D. Cardiac imaging studies per 10 CFR 35.200.
- L. John J. Snidow, M.D. Materials in 10 CFR 35.100 and 35.200.



MODEL DELEGATION OF AUTHORITY

Memo To: All Employees

From: Chief Executive Officer

Subject: Delegation of Authority

Carl R. Duncan, M.D. has been appointed Radiation Safety Officer and is responsible for ensuring the safe use of radiation. The Radiation Safety Officer is responsible for managing the radiation safety program; identifying radiation safety problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; and ensuring compliance with regulations. The Radiation Safety Officer is hereby delegated the authority necessary to meet those responsibilities.

The Radiation Safety Officer is also responsible for assisting the Radiation Safety Committee in the performance of its duties and serving as its secretary.

March 23, 1990

AUTHORIZED USERS

Radioactive material will be used by or under the supervision of the following:

1. Thomas M. Hayes, M.D.

Radioactive Material: 5a, 5b
I-131 for the treatment of hyperthyroidism, cardiac dysfunction, and thyroid carcinoma
P-32 as colloidal chromic phosphate for intracavitary treatment of malignant effusions.

2. Martin S. Wershba, M.D.

Radioactive Material: 5a, 5b
I-131 for the treatment of hyperthyroidism, cardiac dysfunction, and thyroid carcinoma

3. Carl R. Duncan, M.D.
Radiation Safety Officer

Radioactive Material: 5a, 5b

4. Ravindra K. Goginenie, M.D.

Radioactive Material: 5a, 5b
I-131 as iodine for thyroid uptake studies, and for the treatment of hyperthyroidism and cardiac dysfunction

5. Carl B. Binns, M.D.

Radioactive Material: 5a, 5b
P-32 as colloidal chromic phosphate for intracavitary treatment of malignant effusions

6. D. Abramowitz, M.D.

Radioactive Material: 5a, 5b
I-131 as iodide for treatment of hyperthyroidism and thyroid carcinoma

Training and experience in the use of the requested radioactive material has been previously submitted and approved under NRC License No. 47-17745-01, expiration December 31, 1993.

MATERIALS LICENSE

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, 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. Diagnostic Medical Imaging	3. License number	47-25098-01
2. 11950 MacCorkle Avenue Chesapeake, West Virginia 25315	4. Expiration date	May 31, 1995
	5. Docket or Reference No.	030-31694
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. Any byproduct material identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200, except radioactive gases or aerosols	B. As needed
C. Any byproduct material identified in 10 CFR 35.300, except those requiring hospitalization	C. Any radiopharmaceutical identified in 10 CFR 35.300 (Iodine 131 in capsule form only)	C. As needed (Not to exceed 10 curies of I-131)
9. Authorized use		
A. Medical use described in 10 CFR 35.100.		
B. Medical use described in 10 CFR 35.200, except procedures using radioactive gases or aerosols.		
C. Medical use described in 10 CFR 35.300, except procedures requiring hospitalization.		

CONDITIONS

- 10. Location of use: 11950 MacCorkle Avenue
Chesapeake, West Virginia
- 11. Radiation Safety Officer: Carl R. Duncan, M.D.

MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense number
47-25098-01
Docket or Reference number
030-31694

(cont'd), CONDITIONS

12. Authorized users:

- A. Thomas M. Hayes, M.D. for licensed materials in 10 CFR 35.100, 35.200 and 35.300 (for procedures not requiring hospitalization).
- B. Martin S. Wershba, M.D. for licensed materials in 10 CFR 35.100, 35.200 and 35.300 (for procedures not requiring hospitalization).
- C. Carl R. Duncan, M.D. for licensed materials in 10 CFR 35.100, 35.200 and 35.300 (for procedures not requiring hospitalization).
- D. Ravindra K. Goginenie, M.D. for licensed materials in 10 CFR 35.100, 35.200 and Iodine 131 for treatment of hyperthyroidism or cardiac dysfunction.
- E. Carl B. Binns, M.D. for licensed materials in 10 CFR 35.100, 35.200 and Phosphorus 32 as colloidal chromic phosphate for intracavitary treatment of malignant effusions.
- F. D. Abramowitz, M.D. for licensed materials in 10 CFR 35.100, 35.200, and 35.300 (for procedures not requiring hospitalization).
- G. S. K. Thareja, M.D. for Tc 99m labeled radiopharmaceutical for cardiac studies.

13. The licensee shall maintain records of information important to safe and effective decommissioning at the licensee's address listed in Item 2 per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.

14. Except as specifically provided otherwise in this license and in 10 CFR 35.31, the licensee shall conduct its program in accordance with statements, representations, and procedures contained in the document 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 March 23, 1990.
- B. Letter (with attachments) dated April 17, 1990
- C. Information received March 8, 1990.

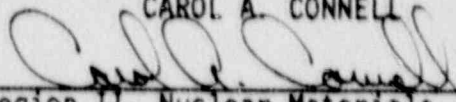
FOR THE U.S. NUCLEAR REGULATORY COMMISSION

CAROL A. CONNELL

Date

MAY 23 1990

By


Region II, Nuclear Materials
Safety Section
101 Marietta Street, Suite 2900
Atlanta, GA 30323