

## 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, 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.

301932

## Licensee

In accordance with letter dated  
October 4, 19963. License Number 48-11805-02 is amended in  
its entirety to read as follows:

4. Expiration Date August 31, 2001

5. Docket or  
Reference No. 030-182866. Byproduct, Source, and/or  
Special Nuclear Material7. Chemical and/or Physical  
Form8. Maximum Amount that Licensee  
May Possess at Any One Time  
Under This License

A. Hydrogen-3

A. Any

A. Not to exceed  
500 millicuries

B. Carbon-14

B. Any

B. Not to exceed  
6 curies

C. Sulfur-35

C. Any

C. Not to exceed  
100 millicuries

D. Cadmium-109

D. Any

D. Not to exceed  
10 millicuries

E. Iodine-125

E. Any

E. Not to exceed  
100 millicuries

F. Barium-133

F. Any

F. Not to exceed  
10 millicuries

G. Nickel-63

G. Any

G. Not to exceed  
10 millicuries

060062

9611060183 961015  
PDR ADOCK 03018286  
C PDR

COPY

2 ml  
30  
50

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

48-11805-02

Docket or Reference Number

030-18286

Amendment No. 18

- |   |  |  |
|---|--|--|
| 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       |
| H. Yttrium-90   | H. Any   | H. Not to exceed 2 curies  |
| I. Iodine-131   | I. Any   | I. Not to exceed 50 millicuries  |
| J. Nickel-63  | J. Foil or plated sources for which a sealed source and device registration certificate has been issued by the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210(e) or by an Agreement State. | J. No single source to exceed 15 millicuries. Total possession not to exceed 1 curie |

## 9. Authorized Use:

- A. through I. For use in research and development as defined in Section 30.4, 10 CFR Part 30, and animal research.
- J. For use in gas chromatographs in accordance with the provisions of appropriate NRC and Agreement State sealed source and device registration certificates.

CONDITIONS

10. Licensed material shall be used at the licensee's facilities located at:  
Hazleton Laboratories America, Inc.  
3301 Kinsman Blvd.  
Madison, Wisconsin
11. A. Licensed material shall be used by or under the supervision of, individuals designated by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users.

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- B. The Radiation Safety Officer for the activities authorized by this license is Dee Ann Kaiser.
12. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- C. Sealed sources 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 transferred 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.
- D. The leak 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 in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The 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, ATTN: Chief, Nuclear Materials Safety Branch, 801 Warrenville Road, Lisle, Illinois 60532-4351. The report shall specify the source involved, the test results, and corrective action taken.
- E. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to Perform such services.

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13. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two (2) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of sealed sources and the date of the inventory.
14. Sealed sources containing licensed material shall not be opened.
15. Except as otherwise specified in this license, the licensee shall have available and follow the instructions contained in the manufacturer's instruction manual for the chromatography device.
16. Maintenance, repair, cleaning, replacement, and disposal of foils contained in detector cells shall be performed only by the device manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.
17. Experimental animals administered licensed materials or their products shall not be used for human consumption.
18. Pursuant to Sections 20.1302(c) and 20.2002 of 10 CFR Part 20, the licensee is authorized to dispose of licensed material by incineration provided the gaseous effluent from incineration does not exceed the limits specified for air in Appendix B, Table II, 10 CFR Part 20. Pursuant to 10 CFR 20.2002, the licensee may dispose resulting incinerator ash except for sulfur-35 as ordinary waste in a landfill provided the concentration of the radionuclides (in microcuries per gram of ash) at the time of disposal are no greater than the values in Table II, Column 2, of 10 CFR Part 20, Appendix B. For hydrogen-3 and Carbon-14, the concentration at the time of disposal can be no greater than one-tenth the value in Table II, Column 2, 10 CFR Part 20, Appendix B.
19. This license does not authorize commercial distribution of licensed material.
20. The licensee is authorized to hold radioactive material with a physical half-life of less than 90 days for decay-in-storage before disposal in ordinary trash provided:
  - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
  - B. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate survey meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

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20. (Continued)

C. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

21. 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 30, 1994; and

B. Letters dated July 26, 1996, August 7, 1996, and October 4, 1996 (with attachments).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 10/15/96

By

James Mullany  
Nuclear Materials Licensing Branch, Region III

COPY



BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LFMS USE)  
INFORMATION FROM LTS

Program Code: 03610  
Status Code: 0  
Fee Category: 3M  
Exp. Date: 20010831  
Fee Comments: DWNGRD W/11/30/94 LTR  
Decom Fin Assur Req'd: Y

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: CORNING HAZLETON INCORPORATED  
Received Date: 961008  
Docket No: 3018286  
Control No.: 301932  
License No.: 48-11805-02  
Action Type: Amendment

2. FEE ATTACHED

Amount: 610  
Check No.: 126022

3. COMMENTS

Signed  
Date

D. Hersey  
10-7-96

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

1. Fee Category and Amount: 3M 610

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

Amendment ☒  
Renewal ☐  
License ☐

3. OTHER

Signed  
Date

SC  
10/15/96

OCT 23 1996

Log	OCT 7 III
Remitter	
Check No.	126022
Amount	610
Fee Category	3M
Type of Fee	AmD
Date Check Rec'd	10/11/96
Date Completed	10/15/96
By:	SC

R4

1996 OCT 11 PM 3:53

Corning Hazleton Inc.  
P.O. Box 7545  
Madison, WI 53707-7545  
Deliveries: 3301 Kinsman Blvd.  
Madison, WI 53704  
608.241.4471  
608.241.7227 Fax

October 4, 1996

**CORNING** Hazleton

Mr. John Madera  
US Nuclear Regulatory Commission  
Region III  
Materials Licensing Section  
801 Warrenville Road  
Lisle, IL 60532-4351

**Re: NRC License #48-11805-02**

Dear Mr. Madera,

Corning Hazleton Inc. is requesting an amendment to NRC License Number 48-11805-02, to increase our  $^{90}\text{Y}$  possession limit from 400 mCi to 2 Ci. Expedited approval is needed in order to carry out an animal study that is scheduled for mid-November. Some monkeys for this study are already in-house and additional monkeys are on order as a 30 day quarantine period is necessary prior to study initiation. A check for the \$610 license amendment fee is enclosed.

The increased possession limit is needed to accommodate additional study animals and higher radioactivity doses. For example, the first study involved 4 monkeys administered a total of 150 mCi, and the next study is presently designed for 18 monkeys to receive a total of 1800 mCi. Due to the short half-life of  $^{90}\text{Y}$  (64.1 hr), the 2 Ci possession limit ensures that enough radioactivity may be received so that adequate levels remain for administration.

Radiation protection measures are as described in the license application (a copy of the  $^{90}\text{Y}$  safety evaluation and handling guide issued for the initial study is attached for your information only). In addition, a Ludlum Model 17 ionization chamber with a detection range to 50 R/hr will be available.

Thank you in advance for your prompt review of this request. Please do not hesitate to call me at (608) 242-2712, Ext. 2528, if you have any questions or need any additional information.

Sincerely,

*Dee Kaiser*

Dee Ann Kaiser  
Radiation Safety Officer

**RECEIVED**

**OCT 08 1996**

**REGION III**

*301932*

**OCT 08 1996**

*Pm: 10-4-96*

## Radiation Safety Evaluation and Precautions for Work with Yttrium-90 ( $^{90}\text{Y}$ )

### 1. $^{90}\text{Y}$ Characteristics

See Yttrium-90: Radioactive Material Specifications and Handling Guide (attached)

### 2. Proposed Use

Study: CHW 6135-130  
Single IV Dose Toxicity Study with  $^{90}\text{Y}$ -SMT 487 in Cynomolgus Monkeys  
Study Director: A. Kiorpes  
Authorized User: T. Musick  
Initiation: Dose on 7/19/96 (material scheduled to arrive on 7/17/96)  
Description: No dose preparations. Single IV injections of 25 mCi  $^{90}\text{Y}$ -SMT 487 (15 ml volume) into each of 2 monkeys. Three animal technicians involved (1 to dose, 2 to restrain monkeys). Routine animal husbandry afterwards (clean cages, feed, observations, etc.). No scheduled sample collections until day 7 for clinical pathology; necropsy on day 15.

### 3. Precautions to keep Exposures ALARA

The half-life of  $^{90}\text{Y}$  is 64.1 hours. These precautions are most critical initially while the radioactivity is high, but must be observed as long as radiation levels can be measured. NOTE: After 7 days only 16% of the original radioactivity remains, and only 2% remains after 15 days.

Shielding: Shield all stock solutions as described in the handling guide.  $^{90}\text{Y}$ -SMT 487 is to be supplied by Mallinckrodt in appropriate layered shielding, first shielding of material of low atomic number, then a lead container. Negligible external radiation. Dosing syringe to be shielded with  $\geq 1/2$  inch plexiglas material.

Distance: Use of remote tools (e.g., forceps) required for handling unshielded stock solutions. Work at the maximum possible distance at all other times. Restrict access in any area with exposure rates  $> 2$  mR/hr greater (check this with a Geiger counter); only radiation workers are allowed in these areas.

Time: Practice dry runs if necessary to minimize time exposed to  $^{90}\text{Y}$ .

Protective clothing: Wear lab coat or primate room garb, gloves, and safety glasses. Monitor gloves frequently when handling  $^{90}\text{Y}$  and at the end of each procedure. Change gloves if contaminated and at the end of each procedure.

Dosimeters: Wear extremity (finger) and whole body radiation dosimeters if handling 1 mCi or more, or if the radiation exposure rate is 5 mR/hr or greater.

Surveys: Monitor radiation levels with a Geiger counter, and conduct wipe tests to check for radioactive contamination. Survey when work is completed, and at least weekly in the animal room. If the radiation exposure rate is 5 mR/hr or greater in an accessible area, post the area with a "Caution Radiation Area" sign.

### 4. Waste Disposal

Store all contaminated wastes for 10 half-lives for decay. See the handling guide.

For further assistance call T. Musick (Ext. 7216), D. Kaiser (Ext. 2528), or R. Albrecht (Ext. 2311).



# YTTRIUM-90: RADIOACTIVE MATERIAL SPECIFICATIONS AND HANDLING GUIDE

(Refer to the referenced RSC policies in the Radiation Safety Manual for additional information.)

## PHYSICAL DATA

Symbol:  $^{90}\text{Y}$

Half Life: 64.1 hr

Type of radiation emitted:

Beta 2,283.9 keV<sub>max</sub>, 934.8 keV<sub>avg</sub>

## EXTERNAL EXPOSURE

The beta particle emitted from  $^{90}\text{Y}$  is high energy. Decrease time, increase distance, and use shielding when working with  $^{90}\text{Y}$ .

Shield stock solutions (e.g., syringes, vials, etc.) at all times, and use of shielding is recommended whenever elevated exposure rates are present (e.g., 5 mR/hr). Use a low density material for the primary shield (e.g., plexiglas, wood), and a higher density material (e.g., lead) for secondary shielding of the Bremsstrahlung radiation.

Use remote handling tools (e.g., forceps) to increase distance when possible.

Before doing a new procedure, practice by doing dry runs to make sure that any time spent will be minimal when handling  $^{90}\text{Y}$ .

The following table gives the maximum range of the  $^{14}\text{C}$  beta particle in various materials.

Material	Range <sup>1</sup>
Air	11 meters
Water	1.1 cm
A-150 plastic	1.2 cm

<sup>1</sup> Maximum range, continuous slowing down approximation (CSDA).

## REGULATORY DOSE - ANNUAL LIMITS:

Whole body (head, trunk, arms above the elbow, legs above the knees) .....	5,000 mrem
Lens of the eye .....	15,000 mrem
Skin or extremity (hand, elbow, arm below the elbow, foot, knee, leg below the knee) .....	50,000 mrem
Internal organ or tissue (not lens of the eye) .....	50,000 mrem

The CHW investigation level is 25% of these regulatory dose limits.

## INTERNAL EXPOSURE

The annual limit on intake (ALI) is the amount of  $^{90}\text{Y}$  which, upon intake, would cause reference man to receive the annual occupational committed dose equivalent, i.e., 5 rem whole body or 50 rem to an organ or tissue.

Annual limits of intake	Ingestion	Inhalation
Whole body	400 $\mu\text{Ci}$	700 $\mu\text{Ci}$
Lower large intestine	500 $\mu\text{Ci}$	

## MAXIMUM ALLOWED CONCENTRATIONS

	$\mu\text{Ci/ml}$	dpm/ml
In sanitary sewerage system	$7 \times 10^{-6}$	15.5
In air in work areas	$9 \times 10^{-10}$	0.002

## RECOMMENDED HANDLING PROCEDURES

Use time, distance, and shielding to limit doses (see External Exposure section).

Wear a lab coat or animal room garb, gloves, and safety glasses (RSC-006).

Wear extremity (finger) and whole body dosimeters when working with 1 mCi or more.

Check hands and work area frequently and before leaving the area. Use a Geiger counter. Keep work area clean.

If you believe you have  $^{90}\text{Y}$  in or on your body, (absorbed through skin, ingested, etc.) contact the RSO *immediately*. The skin dose rate factor from  $^{90}\text{Y}$  on the body surface is 8.86 rem/hr per  $\mu\text{Ci}/\text{cm}^2$ .

Label or post all work areas, equipment, storage containers, etc., to indicate the presence of radioactive materials (RSC-005), as follows:

Condition	Sign
Presence of $\geq 100 \mu\text{Ci}$ of $^{90}\text{Y}$ .....	Caution Radioactive Material (sign on door)
Unattended containers .....	Caution Radioactive Material of $\geq 10 \mu\text{Ci}$ $^{90}\text{Y}$ symbol and description ( $^{90}\text{Y}$ , activity, and date)
Exposure rate $\geq 5 \text{ mR/hr}$ at 1 ft .....	Caution Radiation Area (sign in area)

## SPECIAL REQUIREMENTS FOR USE OF $^{90}\text{Y}$

Frequent surveys in the areas of use consisting of meter surveys and wipe tests will help control radiation exposures and the spread of contamination to other areas of the lab (RSC-007). Survey animal rooms weekly, or immediately after use of 1 mCi or more. Survey labs at least as often as follows:

$^{90}\text{Y}$ Activity	Survey Frequency
200 $\mu\text{Ci}$ or less .....	Monthly
More than 200 $\mu\text{Ci}$ , but less than 1 mCi .....	Weekly
1 mCi or more .....	Immediately after use

## SPILLS/CONTAMINATION (RSC-010)

If you should spill  $^{90}\text{Y}$ , Contact the RSO *immediately*, x2528. Restrict access to the area to prevent the spread of contamination. Close ventilation system, if possible, when airborne  $^{90}\text{Y}$  is involved. After controlling the spill and access to the area, begin cleanup, but first have a definite plan (RSC-010).

If skin contamination is detected, decontaminate with mild soap and water. If contamination persists, use increasingly abrasive soaps and detergents (e.g. Lava Hand Soap, laundry detergent), using care not to abrade skin. Contact the RSO *immediately*.

## WASTE DISPOSAL (RSC-008)

A separate container should be used for  $^{90}\text{Y}$  contaminated waste. Remove waste to a remote area after each procedure. Store all wastes for at least 10 half-lives (or 27 days) to allow decay in storage.

Solid  $^{90}\text{Y}$  waste should be kept separate from other radioactive waste. It should be collected in a plastic bag, labelled radioactive, and removed for decay in storage (notify the RSO or assistant).

Aqueous liquid  $^{90}\text{Y}$  waste may be disposed to the sanitary sewer.

Liquid scintillation vials are collected for crushing, keep separate by type of scintillation media and vial size. Other organic liquid wastes should be placed in lab-supplied containers not to exceed approximately 4 liters volume.

Animals and animal waste must be packaged in sturdy polyethylene bags placed in outer boxes, and frozen.

Other methods of disposal and more detailed disposal requirements are discussed in RSC-008.

OCT 15 1996

Dee Ann Kaiser  
Radiation Safety Officer  
Corning Hazleton, Inc.  
3301 Kinsman Blvd.  
P.O. Box 7545  
Madison, WI 53707-7545

Dear Ms. Kaiser:

Enclosed is Amendment No. 18 to your NRC Material License No. 48-11805-02 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Not possess and use materials authorized in Items 6, 7, and 8, on the license until:
  - a. You have constructed the facilities and obtained the equipment described in the license application and supporting documentation; and
  - b. You have notified the U. S. Nuclear Regulatory Commission, Region III, ATTN: Chief, Nuclear Materials Safety Branch, in writing, that activities authorized by the license will be initiated.
3. Notify NRC, in writing, within 30 days:
  - a. When an authorized user or Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
  - b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).

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4. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
  - a. When you decide to terminate all activities involving materials authorized under the license; or
  - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.
5. Request and obtain a license amendment before you:
  - a. Receive or use byproduct material for a clinical procedure permitted under Part 35 but not permitted by your license issued pursuant to this Part;
  - b. Permit anyone, except a visiting authorized user described in 10 CFR 35.27, to work as an authorized user under the license;
  - c. Change Radiation Safety Officers;
  - d. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
  - e. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
  - f. Change ownership of your organization.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the

D. Kaiser

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General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

James R. Mullauer, M.H.S.  
Health Physicist  
Nuclear Materials Licensing Branch

License No. 48-11805-02  
Docket No. 030-18286

Enclosure: Amendment No. 18

DOCUMENT NAME: M:\03018286.CL6

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

OFFICE	DNMS/PLI								
NAME	JRMULLAUER:sjd								
DATE	10/15/96								

OFFICIAL RECORD COPY



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
801 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351

October 9, 1996

Dee Ann Kaiser  
Radiation Safety Officer  
Corning Hazleton Incorporated  
3301 Kinsman Boulevard  
P. O. Box 7545  
Madison, WI 53707-7545

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE  
(Letter Dated 10/04/96)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License                      ☒ Amendment                      ☐ Renewal  
☐ Termination                      ☐ Auth User (Amendment not required)  
☐ Other \_\_\_\_\_

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is nonroutine and has been assigned to James Mullauer for an expedited review. If you should have any questions please contact Mr. Mullauer at (630)829-9877.

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 301932  
License No. 48-11805-02