U.S. NUCLEAR REGULATORY COMMISSION

MATERIALS LICENSE

Amendment No. 24

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.

301839

Licensee	
1. Ohio University	In accordance with letter dated September 10, 1996 3. License Number 34-01260-09 is amended in its entirety to read as follows:
2. Hudson Health Center Athens, OH 45701	4. Expiration Date April 30, 2005
	5. Docket or Reference No. 030-00903

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, Atomic Nos. 3 through 83 inclusive, except as listed below:	A. Any	A. 100 millicuries of each byproduct between Atomic Nos. 3 and 83, except as provided below: Total possession shall not exceed 4,000 millicuries
B. Strontium-90	B. Any	B. 5 millicuries
C. Hydrogen-3	C. Any	C. 1 curie
D. Hydrogen-3	D. Uranium Tritide Oven	D. 600 curies
E. Polonium-210	E. Sealed sources	E. 1 millicurie
F. Americium-241	F. Sealed sources	F. 5 millicuries
G. Curium-244	G. Any	G. 5 millicuries
H. Plutonium	H. Encapsulated as Pu-Be neutron sources	H. 160 grams
I. Uranium-235	I. Foils contained in fission chambers or deposits on foils	I. 5 grams
J. Uranium-238	J. Foils contained in fission chambers or deposits on foils	J. 10 grams

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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
K. Americium-241	K. Sealed sources (Campbell Pacific Nuclear Model CPN-131)	K. No single source to exceed 50 millicuries
L. Cesium-137	L. Sealed sources (Campbell Pacific Nuclear Model CPN-131)	L. No single source to exceed 10 millicuries
M. Cesium-137	M. Sealed sources (Model 6810 J. L. Shepherd)	M. 1,100 curies
N. Uranium-233	N. Sealed source	N. 100 micrograms
O. Neptunium-237	O. Sealed source	O. 100 micrograms
P. Plutonium-239	P. Sealed source	P. 110 micrograms
Q. Nickel-63	Q. Electroplated ionization ring source (NEN Products Model No. NER-004R)	Q. 15 millicuries

9. Authorized Use:

A. through J. Research and development as defined in 10 CFR 30.4.

K. and L. To be used in a Campbell Pacific Nuclear Model 503 moisture density gauge for determination of soil moisture/density and instruction of students.

M. For used in a J. L. Shepherd Mark I self-contained irradiator for irradiation studies of materials except for food and highly flammable or explosive materials.

N., O. and P. To be used for research purposes as described in letter dated August 10, 1994.

Q. To be used in a Department of the Army Model CAM Chemical Agent Monitor.

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CONDITIONS

10. A. Licensed material shall be used only at the licensee's facilities located at the campus of Ohio University, Athens, Ohio.

B. Licensed material listed in Subitems K., L., and Q. may be used at the licensee's facilities located at Athens, Ohio and at temporary job sites of the licensee anywhere in the State of Ohio.

11. A. Licensed material shall be used by, or under the supervision of, individuals designated by Radiation Safety Committee, Dr. Steven Grimes, Chairman.

B. Licensed material listed in Subitems K. and L. shall only be used by, or under the supervision and in the physical presence of, Moid Ahmad or individuals who have received the training described in letter dated December 20, 1988 and have been approved in writing by the Radiation Safety Officer.

C. The Radiation Protection Officer for the activities authorized by this license is Jimmy D. Matthews.

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. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.

C. 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.

D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.

E. Sealed sources 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.

F. 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.

G. 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.

13. The licensee shall not use licensed material in or on human beings except as provided otherwise by specific condition of this license.

14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

15. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.

16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the limits specified in 10 CFR 30.72 which require consideration of the need for an emergency plan for responding to a release of licensed material.

17. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.

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18. A. Detector cells containing a titanium tritide foil or a scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents the foil temperature from exceeding that specified by the manufacturer and approved by NRC.

    B. When in use, detector cells containing a titanium tritide foil or a scandium tritide foil shall be vented to the outside.

19. This license does not authorize commercial distribution of licensed material.

20. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.

21. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

22. 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.

23. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.

24. Any cleaning, maintenance, or repair of the gauge(s) that requires removal of the source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Commission or an Agreement State to perform such services.

25. When performing tests at temporary job sites, the authorized user shall not leave the moisture/density gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss or theft.

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26. For each J. L. Shepherd and Associates, Mark I Cesium-137 Irradiator installed and used, the licensee shall:

A. Permit the use of the irradiator only when a calibrated and operable radiation survey meter or room monitor is available; and

B. Permit the irradiator door to be opened only after the operator has checked visual indicators to verify that the source has returned to its safe storage position; and

C. Have room monitors installed that will:

(i) Operate at all times when the irradiator is in use; and

(ii) Activate a visible and audible alarm when radiation exceeds 2 millirems per hour; and

(iii) Detect any radiation leaking from the irradiator door; and

(iv) Be visible to the irradiator user when he is next to the irradiator; or

D. If a room monitor is not installed, have available a calibrated and operable survey meter which will be used to:

(i) Determine the radiation level at the irradiation door when the door is closed; and

(ii) Check for any increase in radiation levels each time the irradiator door is opened.

E. Not repair or authorize repairs of the irradiator except by the manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.

27. The procedures contained in the manufacturer's instruction manual for the Model J. L. Shepherd Mark I device shall be followed and a copy of this manual shall be made available to each person using or having responsibility for the use of the device.

28. The licensee shall not perform repairs or alterations of the irradiator involving removal of shielding or access to the licensed material. Removal, replacement, and disposal of sealed sources in the irradiator shall be perform by a person specifically licensed by the Commission or an Agreement State to perform such service.

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29. 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 U.S. 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 22, 1993; and

B. Letters dated November 1, 1988, December 20, 1988, February 26, 1992, June 11, 1992, June 30, 1992, June 20, 1994 (excluding references to decommissioning financial assurance), August 12, 1994 (excluding references to decommissioning financial assurance), January 23, 1995, February 15, 1995 (excluding references to decommissioning financial assurance), July 28 and 31, 1995 and September 10, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 9/30/96

By Kevin D. Rice
Nuclear Materials Licensing Branch, Region III

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 01100
Status Code: 0
Fee Category: EX 3L 1D 3E
Exp. Date: 20050430
Fee Comments: 170.11(A)(4)
Decom Fin Assur Reqd: Y

R2
13

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
   Applicant/Licensee: OHIO UNIVERSITY
   Received Date: 960917
   Docket No: 3000903
   Control No.: 301839
   License No.: 34-01260-09
   Action Type: Amendment

2. FEE ATTACHED
   Amount: 0
   Check No.: 0

3. COMMENTS

Signed D. Hersey
Date 9-23-96

1996 SEP 23 AM 11:21

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

FEE EXEMPT 170.11(A)(4)

1. Fee Category and Amount: EX 3L 1D 3E

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

3. OTHER

Signed SC
Date 9/24/96

SEP 30 1996

RECEIVED BY LFDCB
Date Sept. 23 1996
Log Sep 8 III
By SC
Date Completed 9/24/96

Ohio University
Environmental Health and Safety

Hudson Health Center
Athens OH 45701 -- 2991

Phone (614) 593-1666
Fax (614) 593-0808

September 10, 1996

Mr. Kevin G. Null
Nuclear Materials Licensing Section
United States Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Dear Mr. Null:

Attached is a Curriculum Vitae for Shigeru Okada, who is a "Core Member of the Radiation Safety Committee." Please add this to our Ohio University Broad License.

If you have any questions, please contact me.

Sincerely yours,

34-01260-09

Jimmy D Matthews, Director
Environmental Health and Safety;
Radiation Safety Officer

JDM:dmc

Attachment (1)

9-12-96

170.11(A)(4)
FEE EXEMPT

RECEIVED
SEP 17 1996
REGION III

301839

SEP 17 1996

Curriculum Vitae

Shigeru Okada

6901 B Beechwood Drive
Athens, OH 45701

Home: (614) 592-3986
Office: (614) 593-9656

Profile

Pharmaceutically oriented pharmacologist/mollecular biologist with broad experience in Japanese and American cultures.

Personal data

Birthdate: June 29, 1959

Birthplace: Nagano, Japan

Nationality: Japanese with permanent residency in the U.S.

Marital Status: Married

Education

Ohio University *1993 - present*
Athens, Ohio
Post-Doctoral Research Associate.

Ohio University *1989 - 1993*
Athens, Ohio
Ph.D. Molecular and Cellular Biology.

Niigata University *1983 - 1985*
Niigata, Japan
M.S. Biology.

Chiba University *1978 - 1983*
Chiba, Japan
B.S. Biology.

Experience

Ohio University *1989 - present*

Investigation of the structure/function relationships in somatotropin by making mutations in bovine somatotropin and assessing effects at the subcellular and cellular levels. Investigation and identification of second-messenger molecules in the growth hormone pathway in relation to adipocyte differentiation, insulin-like activity, and diabetogenic activity. Research conducted under the guidance of Dr. John J. Kopchick.

Ohio University *1985 -1989*

Evaluated the contribution of the calcium-calmodulin pathway to activate adenylate cyclase in the anterior pituitary gland with Dr. Donald V. Greenlee.

Niigata University *1983 - 1985*

Purified and characterized Cathepsin D-like acid proteinase in the mantle of the marine mussel, Mytilus edulis *with Dr. Toyoo Aikawa.*

Related Experience

Ohio University *1986 - 1992*

Teaching undergraduate biology courses for science majors. Responsible for laboratory sections including anatomy, histology, biochemistry, genetics, and physiology.

Ohio University *1990 - 1991*

Translator for Ohio University for branch campus negotiations in Komaki City, Japan.

Ohio University *1990 - 1991*

Taught basic Japanese on a part-time basis for the Linguistics Department.

Ohio University *1990*

President of the Graduate Student Committee, Molecular and Cellular Biology Program.

Awards and Honors

Received full scholarships for graduate school from 1986 through graduation in 1993.

Received Ohio University Graduate Student travel grants from the Department of Biological Sciences for presenting at conferences and symposia in 1987, 1989, 1990, 1991, 1992, and 1993.

References

John J. Kopchick, Ph.D.
Professor, Zoology
Goll Ohio Eminent Research Scholar
Wilson Hall, West
Ohio University
Athens, Ohio 45701

Robert A. Colvin, Ph.D.
Associate Professor, Pharmacology
Department of Biological Sciences
Irvine Hall
Ohio University
Athens, Ohio 45701

Calvin B. L. James, Ph.D.
Assistant Professor, Virology
Department of Biological Sciences
Irvine Hall
Ohio University
Athens, Ohio 45701

Publications

ABSTRACTS:

Okada, S. and Kopchick, J.J. 1996 Growth Hormone Inhibits Translocation of Protein Kianse C-α and -γ Stimulated by Insulin in 3T3-F422A Cells. Endocrine Society, 78th Annual Meeting, June 12-15.

Okada, S. and Kopchick, J.J. 1995 Growth hormone stimulates phosphatidylcholine breakdown and activation of protein kinase C-ε in 3T3-F442A cells. Endocrine Society, 77th Annual Meeting, June 14-17.

Okada, S. and Kopchick, J.J. 1995 Effects of Growth Hormone Antagonist (hGH-G120R) on 3T3-F442A Adipocytes. Diabetes, 55th Annual Meeting, June 10-13.

Okada S, Kopchick JJ 1994 Anti-diabetic effect of growth hormone antagonists. J. Cell. Biochem. (supp. 18A):171.

Xu, B.X., Chen, W.Y., Wiehl, P., Okada, S. and Kopchick, J.J. 1994 Studies on growth hormone (GH) inducible events during 3T3-F442A preadipocyte differentiation using GH antagonists, bGH-G119R and hGH-G120R. FASEB J, 8: A638

Okada S, Wiehl P, Chen WY, Kopchick JJ 1993 A single amino acid substitution of bovine growth hormone (Gly-119 to Arg) is sufficient for generation of a functional GH antagonist. FASEB J. 7: A374

Okada S, Wiehl P, Kopchick JJ 1992 Antagonism of bovine growth hormone (bGH) stimulated glucose transport by a bGH analog in 3T3-F442A adipose cells. FASEB J. 6: A1272

Xu B, Okada S, Wang X, Kopchick JJ 1992 Induction of c-fos and aP2 RNA by bGH and a bGH analogue. FASEB J. 6: A1637

Woodley FW, Kelder B, Okada S, Harding P, Kopchick JJ 1992 Effects of introns on bGh gene expression in cultured cells. FASEB J. 6: A1643

Okada S, Chen WY, Kelder B, Wiehl P, Kopchick JJ 1991 A mutation in bovine growth hormone alters its ability to induce adipocyte differentiation. J. Cell. Biochem. (supp. 15B): 21.

Chen NY, McAndrew SJ, DiCaprio L, Wiehl P, Yun J, Okada S, Kopchick JJ 1989 In vitro and in vivo expression of bGH deletion mutants in exons IV and V. FASEB J. 3:

Chen, N.Y., McAndrew, S.J., DiCaprio, L., Yun, J., Wagner, T., Okada, S., and Kopchick, J.J.: "In vitro and In vivo expression of bGH deletion mutants," Second Symposium of the Genetic Engineering of Animals, Cornell University, Ithaca, NY, June 25-28, 1989.

Okada S, Greenlee DV 1987 Calmodulin activation of anterior pituitary adenylate cyclase. Society for neuroscience abstracts. 13(2): 899.

PEER REVIEWED:

Okada, S. and Kopchick, J. J. 1996 Growth hormone stimulates the phosphatidylcholine breakdown and activation of protein kinase C-ε in 3T3-F442A cells. Endocrinology, (submitted).

Harding, P.A., Wang, X., Okada, S., Chen, W.Y., Wan, W. and Kopchick, J.J. 1996 Growth hormone (GH) and a GH antagonist promote GH receptor dimerization and internalization. J. Biol. Chem., 271:12:6708-6712.

Xu, B., Chen, W., Gu, T., Ridgway, D., Wiehl, P., Okada, S. and Kopchick, J.J. 1995 Effects of growth hormone (GH) antagonists on 3T3-F442A preadipocyte differentiation. J. Endocrinology, 146:131-139.

Harding P, Wang XZ, Kelder B, Souza S, Okada S, Kopchick JJ 1994 In vitro mutagenesis of growth hormone receptor asn-linked glycosylation sites. Mol. Cell. Endocrinol. 106: 171 - 180.

Kopchick JJ, McAndrew SJ, Shafer AW, Okada S, Chen XZ, Chen WY 1993 Growth hormone structure/function studies employing transgenic mice. Animal science papers and reports 11: 91-94.

Okada S, Chen WY, Wiehl P, Kelder B, Goodman HM, Guller S, Sonenberg M 1992 A growth hormone (GH) analog can antagonize the ability of native GH to promote differentiation of 3T3-F442A preadipocytes and stimulate insulin-like and lipolytic activities in primary rat adipocytes. Endocrinology 130: 2284-2290.

McAndrew S, Chen NY, Wiehl P, DiCaprio L, Yun J, Wagner TE, Okada S, Kopchick JJ 1991 Expression of truncated forms of the bovine growth hormone gene in cultured mouse cells. J. Biol. Chem. 266: 20965-20969

Greenlee DV, Okada S 1987 Calmodulin activates adenylate cyclase from rat anterior pituitary. Mol. Pharmacol. 32: 743-748.

Okada S, Aikawa T 1986 Cathespin D-like acid proteinase in the mantle of the marine mussel, Mytilus edulis. Comp. Biochem. Physiol. 84B: 333-341.

SEP 30 1996

Jimmy Matthews, Director
Environmental Health and Safety
Ohio University
Hudson Health Center
Athens, OH 45701

Dear Mr. Matthews:

Enclosed is Amendment No. 24 to your NRC Material License No. 34-01260-09 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 at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note that Item 4 of your license has been amended to extend your expiration date to April 30, 2005 in accordance with a May 7, 1996 letter from Donald Cool of the NRC to the University.

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. Notify NRC, in writing, within 30 days:

   a. When the 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).

3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.

4. Request and obtain a license amendment before you:

   a. Change Radiation Safety Officers;

b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;

c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or

d. Change ownership of your organization.

5. 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 General Policy and Procedures for NRC Enforcement Actions. 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,

Original Signed By
Kevin G. Null
Nuclear Materials Licensing Branch

License No.: 34-01260-09
Docket No.: 030-00903

Enclosure: Amendment No. 24

DOCUMENT NAME: M:\03000903.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/RIII	N							
NAME	KGNULL:jaw	KN							
DATE	09/30/96								

OFFICIAL RECORD COPY

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

September 19, 1996

Jimmy D. Matthews
Radiation Safety Officer
Ohio University
Hudson Health Center
Athens, OH 45701

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 09/10/96)

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 X 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 routine (see 1-3 below, as applicable).

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. 301839
License No. 34-01260-09