

MATERIALS LICENSE

Amendment No. 08

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.

302422

Licensee

1. GME Consultants, Inc.
2. 14000 21st Avenue North
Minneapolis, MN 55447

In accordance with application dated
March 11, 1997

3. License Number 22-23402-01 is amended in its entirety to read as follows:

4. Expiration Date May 31, 2004

5. Docket or Reference No. 030-21028

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. Cesium-137

- A. Sealed source (Troxler Dwg. No. A-102112)

- A. No single source to exceed 10 millicuries

- B. Americium-241

- B. Sealed source (Troxler Dwg. No. A-102451)

- B. No single source to exceed 50 millicuries

- C. Cesium-137

- C. Sealed source (CPN Model CPN-131)

- C. No single source to exceed 10 millicuries

- D. Americium-241

- D. Sealed source (CPN Model No. CPN-131)

- D. No single source to exceed 50 millicuries

9. Authorized Use:

- A. and B. To be used in Troxler Model 3400 series surface moisture/density gauges.

- C. and D. To be used in Campbell Pacific Nuclear Model MC series, or Portaprobe B(r) moisture/density gauges for measurement of moisture/density of construction materials.

CONDITIONS

10. A. Licensed material may be stored at:

GME Consultants, Inc.
14000 - 21st Avenue North
Plymouth, MN 55447

GME Consultants, Inc.
1214 Lakeland Drive S.E.
Willmar, MN 56201

110100

9704140031 970403
PDR ADOCK 03021028
C PDR



COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

22-23402-01

Docket or Reference Number

030-21028

Amendment No. 08

10. (Continued)

GME Consultants, Inc.
360 Garfield Avenue
Duluth, MN 55802

GME Consultants, Inc.
602 West Second Street
Menomonie, WI 54751

GME Consultants, Inc.
93 Riverside Trailer Court
International Falls, MN 56649

GME Consultants, Inc.
4718 John Paul Road
Milton, WI 53563

GME Consultants, Inc.
113 East Oak Street
Sparta, WI 54656

GME Consultants, Inc.
P.O. Box 250
Crosby, MN 56441

11. A. Licensed material shall only be used by, or under the supervision and in the physical presence of, Dennis R. Schmitz or individuals who have successfully completed the manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency operating procedures and who have been designated by the Radiation Safety Officer.
- B. Radiation Safety Officer: Dennis R. Schmitz
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. 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

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12. (Continued)

- (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.

- E. 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.
- F. The licensee is authorized to collect leak test samples for analysis by Troxler or Campbell. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

- 13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
- 14. 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.
- 15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
- 16. 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."

COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

22-23402-01

Docket or Reference Number

030-21028

Amendment No. 08

17. 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.
18. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
19. 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 March 17, 1994, March 11, 1997; and
 - B. Letters dated April 5, 1991 and March 21, 1997.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

APR 03 1997

By

Loren J. Hunter
Nuclear Materials Licensing Branch, Region III

COPY

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, And
and
Regional Licensing Sections

Program Code: 03121
Status Code: 0
Fee Category: 3P
Exp. Date: 20040531
Fee Comments:
Decom Fin Assur Req'd: N

R8

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
Applicant/Licensee: GME CONSULTANTS, INC.
Received Date: 970317
Docket No: 3021028
Control No.: 302422
License No.: 22-23402-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 300
Check No.: 16844

3. COMMENTS

Signed
Date

D. Tiersey
3-18-97

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

1. Fee Category and Amount: 300 3P
2. Correct Fee Paid. Application may be processed for:
Amendment
Renewal
License

3. OTHER

Signed
Date

SC
3/20/97

MAR 24 1997

Log	Mar 8 III
Remitter	
Check No.	16844
Amount	300
Fee Category	3P
Type of Fee	Amnd
Date Check Rec'd	3/19/97
Date Completed	3/20/97
By:	SC

1997 MAR 19 AM 11:24

(7-96)
10 CFR 30, 32, 33
34, 35, 36, 39 and 40

APPLICATION FOR MATERIAL LICENSE

Estimated burden per response to comply with this information collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Forward comments regarding burden estimate to the Information and Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0120), Office of Management and Budget, Washington, DC 20503. NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN,
SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE RD.
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA,
OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH,
WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 78011-8064

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 22-23402-01
☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip code)

GME Consultants, Inc.
14000 21st Avenue North
Minneapolis, Minnesota 55447

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

SEE ATTACHMENT

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Dennis R. Schmitz

TELEPHONE NUMBER
612-559-1859

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

- a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY

AMOUNT
ENCLOSED \$ 300

13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT

THE APPLICANT AND ANY OFFICIAL, EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39 AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Dennis R. Schmitz - Sr. Materials Tech.

SIGNATURE



DATE

3-11-

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		

APPROVED BY

DATE

302422

RECEIVED

MAR 17 1997

REGION III

pm. 3-12-97

GME CONSULTANTS, INC.

CONSULTING ENGINEERS

14000 21st Ave. No. / Minneapolis, MN 55447

Phone (612) 559-1859 / Fax (612) 559-0720



March 11, 1997

Materials Licensing Section
U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

RE: Request for amendment to License No. 22-23402-1

To Whom It May Concern:

The purpose of this letter is to request an amendment to our current Materials License to:

1. Change RSO from Wyatt A. Gutzke to Dennis R. Schmitz
2. Change address of Duluth, Minnesota facility to:
GME Consultants, Inc.
360 Garfield Avenue
Duluth, Minnesota 55802
3. Change address of Fort McCoy, Wisconsin facility to:
GME Consultants, Inc.
113 East Oak Street
Sparta, Wisconsin 54656

We have included two location diagrams which illustrate the secured area's where the nuclear gauges would be stored in each facility, and the resume of Dennis R. Schmitz.

If you have questions, please contact me at (612) 559-1859.

Sincerely,

GME Consultants, Inc.

Dennis R. Schmitz
Senior Materials Technician

Enclosures

SJR:DRS:smc
C:\SJR\MATERIAL.LTR

WILLIAM C. KWASNY, P.E.
GREGORY R. REUTER, P.E.
MARK D. MILLSOP, P.G.

THOMAS PAUL VENEMA, P.E.
CHARLES M. ALLGOOD, P.E.
SANDRA J. FORREST, P.G.

An Equal Opportunity Employer

WILLIAM E. BLOEMENDAL, P.E.
MERVYN MINDESS, P.E.
STEVEN J. RUESINK, P.E.

RECEIVED

MAR 17 1997

REGION III

MATERIALS LICENSE

Amendment No. 07
CORRECTED COPY

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, 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. GME Consultants, Inc.
2. 14000 21st Avenue North
Minneapolis, MN 55447

In accordance with application dated
March 17, 1994

3. License number 22-23402-01 is renewed in
its entirety to read as follows:

4. Expiration date May 31, 1999

5. Docket or
Reference No 030-21028

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. Cesium-137

A. Sealed source (Troxler
Dwg. No. A-102112)

A. No single source to
exceed 10
millicuries

B. Americium-241

B. Sealed source (Troxler
Dwg. No. A-102451)

B. No single source to
exceed 50
millicuries

C. Cesium-137

C. Sealed source (CPN
Model CPN-131)

C. No single source to
exceed 10
millicuries

D. Americium-241

D. Sealed source
(CPN Model No. CPN-131)

D. No single source to
exceed 50 millicuries

9. Authorized Use:

A. and B. To be used in Troxler Model 3400 series surface moisture/density gauges.

C. and D. To be used in Campbell Pacific Nuclear Model MC series, or Portaprobe B(r) moisture/density gauges for measurement of moisture/density of construction materials.

CONDITIONS

10. A. Licensed material may be stored at:

GME Consultants, Inc.
14000 - 21st Avenue North
Plymouth, MN 55447

GME Consultants, Inc.
1214 Lakeland Drive S.E.
Willmar, MN 56201

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number
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Docket or Reference number
030-21028

Amendment No. 07

CORRECTED COPY

10. (Continued)

GME Consultants, Inc.
314 Garfield Avenue
Duluth, MN 55802

GME Consultants, Inc.
602 West Second Street
Menomonie, WI 54751

GME Consultants, Inc.
93 Riverside Trailer Court
International Falls, MN 56649

GME Consultants, Inc.
4718 John Paul Road
Milton, WI 53563

GME Consultants, Inc.
Job Site Trailer
Fort McCoy, WI

GME Consultants, Inc.
P.O. Box 250
Crosby, MN 56441

11. A. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have successfully completed the gauge manufacturer's training course or the licensee's training course outline in letter dated April 5, 1991 and have been designated by the licensee's Radiation Protection Officer.
- B. Radiation Safety Officer: Wyatt A. Gutzke
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. 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

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number
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Amendment No. 07

CORRECTED COPY

12. (Continued)

- (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.

E. 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.

F. The licensee is authorized to collect leak test samples for analysis by Troxler or Campbell. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

- 13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
- 14. 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.
- 15. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
- 16. 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."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number
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17. 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.
18. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
19. 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 March 17, 1994; and
- B. Letter dated April 5, 1991.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 6-7-94

By Peter J. Lee
Materials Licensing Section, Region III

GME CONSULTANTS, INC.

DENNIS SCHMITZ

Certified Welding Inspector/Senior Materials Technician

EDUCATION

Associate Degree in Nondestructive Testing,
Hutchinson, Minnesota, Vocational Technical Institute, 1975

CERTIFICATIONS

Radiation and Use of Nuclear Soil Gauges
American Society of Non-destructive Testing, Level II NDT, Radiography
AWS Certified Welding Inspector
American Concrete Institute Certified Concrete Technician, Grade II
National Institute for Certification in Engineering, Soils and Asphalt
OSHA 40-hour Health and safety Training
Structural Masonry "Special Inspectors" Certification Course (with written examination, presented at GME by Wakefield Associates in June, 1988, 1992, and 1996).

EXPERIENCE

1985 - Present: Senior Materials Technician, **GME Consultants, Inc.**, Minneapolis, Minnesota. Duties include inspections of steel, concrete, and soil commercial, highrise, and industrial buildings. Duties include concrete testing, monitoring excavations, and fill placement for commercial and residential developments, inspection and testing of shop and field structural steel, and "Special Inspection" for structural masonry and reinforcement. Testing of soils using a nuclear soil gauge.

1983 - 1985: Operations Manager, Conam Inspection, Minneapolis, Minnesota. Duties included supervision of nondestructive testing personnel and performed visual inspections on various steel fabrications and Certified Level II in radiography, ultrasonics, magnetic testing, and AWS Certified Welding Inspector.

1978 - 1982: Field QA Manager, Assistant RSO, AWS Certified Welding Inspector, Pittsburgh-Des Moines Corporation. Duties included testing in radiography, ultrasonics, magnetic particle, liquid penetrant, and leak testing; certifying welders and monitoring welding operations.

1975 - 1977: Certified Level II NDT Inspector, Metals, Inc., Houston, Texas. Duties included testing in ultrasonics, radiography, magnetic particle testing for highrise structures, power plants, off-shore buildings, bridges, off-shore drilling rigs, fossil fuel plants, and fabrication plants.



GME CONSULTANTS, INC.

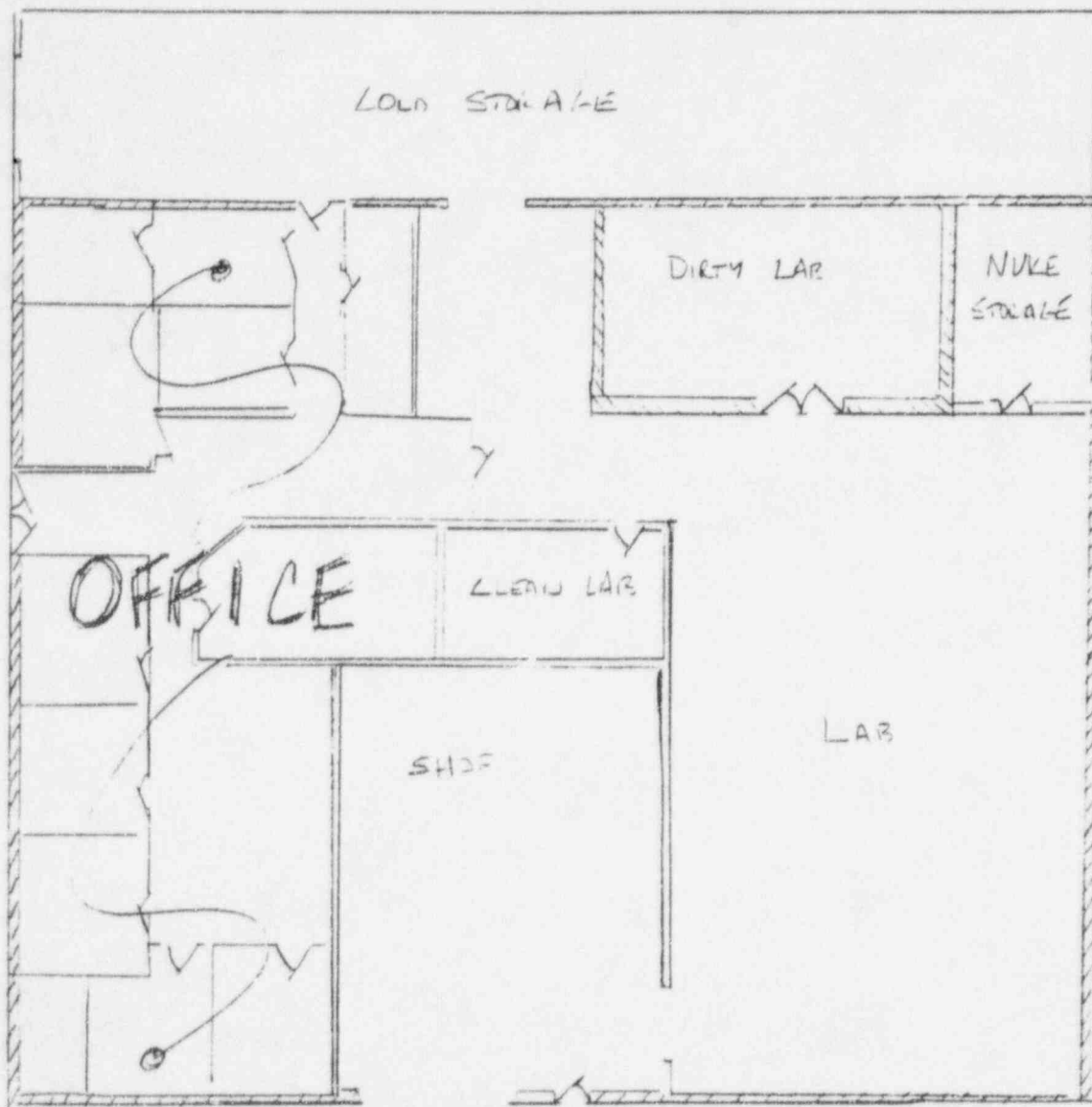
Geotechnical • Materials • Environmental
360 Garfield Avenue
Duluth, Minnesota 55802
(218) 722-4323
Fax (218) 722-9722

JOB NO. _____ SHEET 1 OF 1

JOB NAME OFFICE FLOOR PLAN

BY LINE DATE 3-6-97

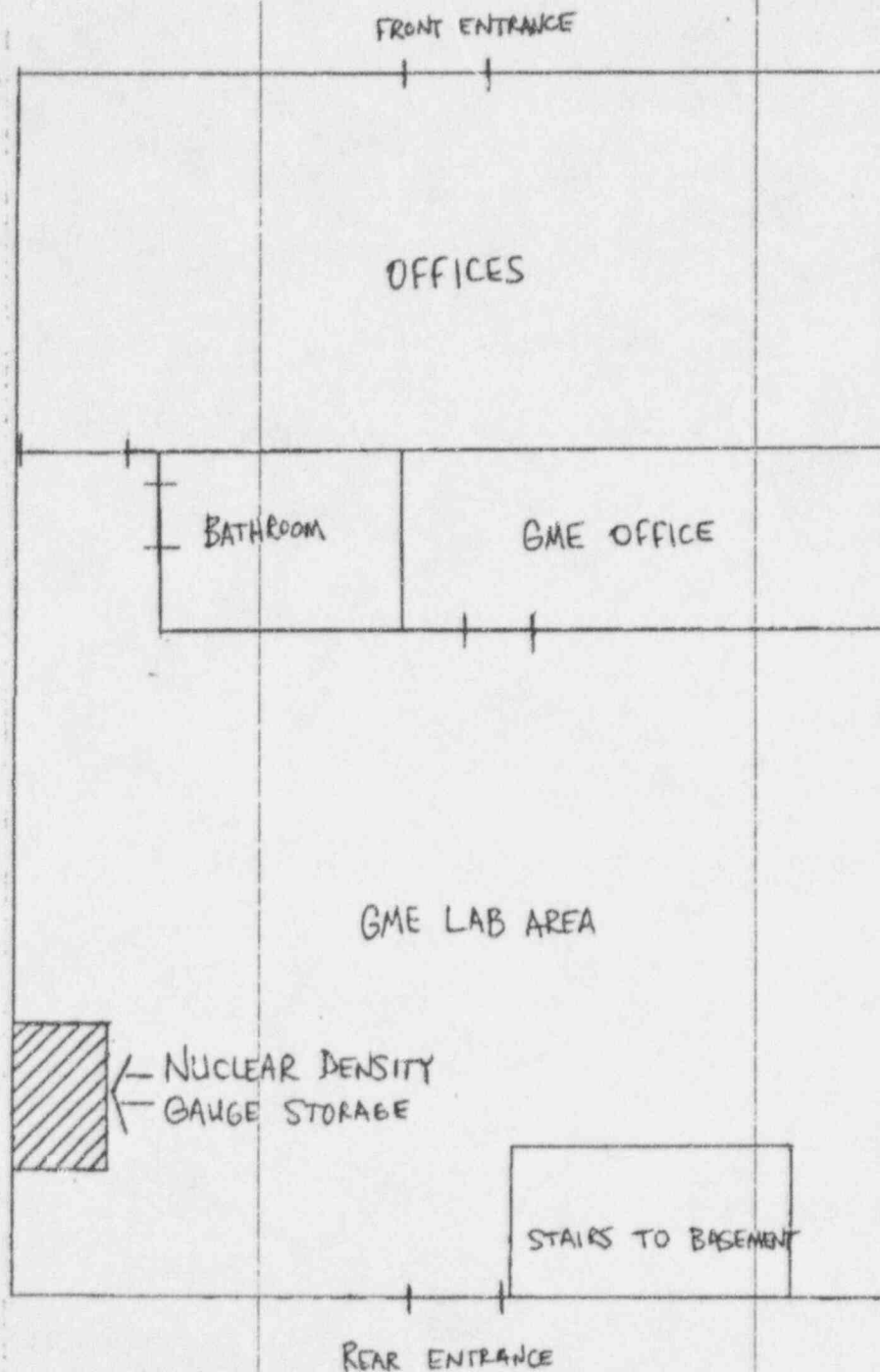
CHECKED BY _____ DATE _____



GARFIELD AVE

GME CONSULTANTS
117 E. OAK ST
SPARTA, WI 54656

OAK ST.



APR 03 1997

Dennis R. Schmitz
Senior Materials Technician
GME Consultants, Inc.
14000 21st Avenue North
Minneapolis, MN 55447

Dear Mr. Schmitz:

Enclosed is Amendment No. 08 to your NRC Material License No. 22-23402-01 in accordance with your request.

Please note: we have added five years to the expiration date listed on your license. You have received official notification from our headquarters office explaining the cause for the five-year extension. In the meantime, if you have any questions, please call me.

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 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).

302422

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,

D. Schmitz

-3-

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
Loren J. Hueter
Nuclear Materials Licensing Branch

License No. 22-23402-01
Docket No. 030-21028

Enclosures:

1. Amendment No. 08
2. NRC Form 313

DOCUMENT NAME: M:\03021028.CL7

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	LJHueter:brt	<i>LJH</i>						
DATE	09/03/97							

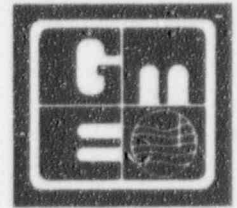
OFFICIAL RECORD COPY

GME CONSULTANTS, INC.

CONSULTING ENGINEERS

14000 21st Ave. No. / Minneapolis, MN 55447

Phone (612) 559-1859 / Fax (612) 559-0720



March 21, 1997

Mr. Loren Hueter
Materials Licensing Section
U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

RE: Request for amendment to License No. 22-23402-1/NRC Control No.
302422

Dear Mr Hueter:

The purpose of this letter is to provide additional information for amendment to our current material license.

1. Delete Licensee's training coarse from Condition 11 of our license. For certification of our personnel, we will use the gauge manufacturer's training coarse for the use of Nuclear Testing Equipment.
2. The nuclear gauges stored at Ft. McCoy, Wisconsin and 314 Garfield Avenue, Duluth, Minnesota, have been removed from these facilities. Leak tests verified that there were no leaking sources at these locations.
3. Dennis Schmitz is designated to sign correspondence to the NRC for the Licensee.

We have included the leak tests for the gauges previously stored at 314 Garfield Avenue, Duluth, Minnesota and at Fort McCoy, Wisconsin, training certificate, diploma from Hutchinson Vocational Technical Institute, and non-destructive testing certifications.

If you have questions, please contact me at (612) 559-1859.

Sincerely,

GME CONSULTANTS, INC.

Thomas P. Venema, P.E.
Principal Engineer/Vice President

Dennis Schmitz
Senior Materials Technician

DS:ms | C:\TFV\DSCHMITZ.LTR

RECEIVED

APR 03 1997

REGION III

WILLIAM C. KWASNY, PE
GREGORY R. REUTER, PE
MARK D. MILLSOP, PG

THOMAS PAUL VENEMA, PE
CHARLES M. ALLGOOD, PE
SANDRA J. FORREST, PG

WILLIAM E. BLOEMENDAL, PE
MERVYN MINDESS, PE
STEVEN J. RUESINK, PE

An Equal Opportunity Employer

APR 03 1997

Pacific Nuclear Technology Co.

2545 W 10th St Ste N
Antioch CA, 94509
(510) 706-8300
(510) 706-8396 FAX

REPORT OF LEAK TEST

CUSTOMER: GME CONSULTANTS INC MINNEAPOLIS
14000 21ST AVE NORTH
MINNEAPOLIS, MN 55447
DENNIS SCHMITZ

} Duluth, MN

MODEL NO: TEL 3440

SERIAL NO: T344 22913

ISOTOPE: Cs-137 8 mCi
Am-241 40 mCi

DATE OF TEST: 12/30/1996

The sample identified above was submitted for leak test analysis.

DATE OF ANALYSIS: 1/18/1997 ANALYSIS NUMBER: 17506

RESULTS: BACKGROUND COUNT: 273 cpm
GROSS COUNT: 273 cpm

REMOVABLE
CONTAMINATION: NiL microcurie

NOTE: The US Nuclear Regulatory Commission and the Agreement States require that the analysis of the wipe from a sealed source must be capable of detecting the presence of 0.005 microcurie (185 Bq) on the sample. The count on the wipe was below a Lower Limit of Detection of 0.0001 microcurie. The source is not considered leaking. This report should be retained three years for viewing by regulatory agencies.

SIGNED



Office of Radiation Safety
Calif RM Lic No 5634-07

Pacific Nuclear Technology Co.

2545 W 10th St Ste N
Antioch CA, 94509
(510) 706-8300
(510) 706-8396 FAX

REPORT OF LEAK TEST

CUSTOMER: GME CONSULTANTS INC MINNEAPOLIS
14000 21ST AVE NORTH
MINNEAPOLIS, MN 55447
DENNIS SCHMITZ

} Duluth, MN

MODEL NO: TEL 3440

SERIAL NO: T344 17772

ISOTOPE: Cs-137 8 mCi
Am-241 40 mCi

DATE OF TEST: 12/30/1996

The sample identified above was submitted for leak test analysis.

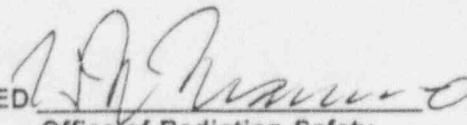
DATE OF ANALYSIS: 1/18/1997 ANALYSIS NUMBER: 17505

RESULTS: BACKGROUND COUNT: 273 cpm
GROSS COUNT: 269 cpm

REMOVABLE
CONTAMINATION: NIL microcurie

NOTE: The US Nuclear Regulatory Commission and the Agreement States require that the analysis of the wipe from a sealed source must be capable of detecting the presence of 0.005 microcurie (185 Bq) on the sample. The count on the wipe was below a Lower Limit of Detection of 0.0001 microcurie. The source is not considered leaking. This report should be retained three years for viewing by regulatory agencies.

SIGNED



Office of Radiation Safety
Calif RM Lic No 5634-07

Pacific Nuclear Technology Co.

2545 W 10th St Ste N

Antioch CA, 94509

(510) 706-8300

(510) 706-8396 FAX

REPORT OF LEAK TEST

CUSTOMER: GME CONSULTANTS INC MINNEAPOLIS
14000 21ST AVE NORTH
MINNEAPOLIS, MN 55447
DENNIS SCHMITZ

Duluth, MN

MODEL NO: TEL 3411B

SERIAL NO: T341 18167

ISOTOPE: Cs-137 8 mCi
Am-241 40 mCi

DATE OF TEST: 12/30/1996

The sample identified above was submitted for leak test analysis.

DATE OF ANALYSIS: 1/18/1997 ANALYSIS NUMBER: 17504

RESULTS: BACKGROUND COUNT: 273 cpm
GROSS COUNT: 278 cpm

REMOVABLE
CONTAMINATION: NIL microcurie

NOTE: The US Nuclear Regulatory Commission and the Agreement States require that the analysis of the wipe from a sealed source must be capable of detecting the presence of 0.005 microcurie (185 Bq) on the sample. The count on the wipe was below a Lower Limit of Detection of 0.0001 microcurie. The source is not considered leaking. This report should be retained three years for viewing by regulatory agencies.

SIGNED

[Signature]
Office of Radiation Safety
Calif RM Lic No 5634-07

Pacific Nuclear Technology Co.

2545 W 10th St Ste N
Antioch CA, 94509
(510) 706-8300
(510) 706-8396 FAX

REPORT OF LEAK TEST

CUSTOMER: GME CONSULTANTS INC MINNEAPOLIS
14000 21ST AVE NORTH
MINNEAPOLIS, MN 55447
DENNIS SCHMITZ

} Ft. McCoy

MODEL NO: TEL 3411B

SERIAL NO: T341 18853

ISOTOPE: Cs-137 8 mCi
Am-241 40 mCi

DATE OF TEST: 6/11/1996

The sample identified above was submitted for leak test analysis.

DATE OF ANALYSIS: 6/29/1996 ANALYSIS NUMBER: 16346

RESULTS: BACKGROUND COUNT: 252 cpm
GROSS COUNT: 254 cpm

REMOVABLE
CONTAMINATION: NIL microcurie

NOTE: The US Nuclear Regulatory Commission and the Agreement States require that the analysis of the wipe from a sealed source must be capable of detecting the presence of 0.005 microcurie (185 Bq) on the sample. The count on the wipe was below a Lower Limit of Detection of 0.0001 microcurie. The source is not considered leaking. This report should be retained three years for viewing by regulatory agencies.

SIGNED



Office of Radiation Safety
Calif RM Lic No 5634-07

Pacific Nuclear Technology Co.

2545 W 10th St Ste H

Antioch CA, 94509

(510) 706-8300

(510) 706-8386 FAX

REPORT OF LEAK TEST

CUSTOMER: GME CONSULTANTS INC MINNEAPOLIS
14000 21ST AVE NORTH
MINNEAPOLIS, MN 55447
DENNIS SCHMIDT

} FT. McCoy

MODEL NO: CPN MC3

SERIAL NO: M320200690

ISOTOPE: Cs-137 10 mCi
Am-241 50 mCi

DATE OF TEST: 6/11/1996

The sample identified above was submitted for leak test analysis.

DATE OF ANALYSIS: 6/29/1996 ANALYSIS NUMBER: 16343

RESULTS: BACKGROUND COUNT: 252 cpm
GROSS COUNT: 255 cpm

REMOVABLE
CONTAMINATION: NIL microcurie

NOTE: The US Nuclear Regulatory Commission and the Agreement States require that the analysis of the wipe from a sealed source must be capable of detecting the presence of 0.005 microcurie (185 Bq) on the sample. The count on the wipe was below a Lower Limit of Detection of 0.0001 microcurie. The source is not considered leaking. This report should be retained three years for viewing by regulatory agencies.

SIGNED



Office of Radiation Safety
Calif RM Lic No 5634-07

CONAM INSPECTION

CERTIFICATION OF PERSONNEL QUALIFICATION

NAME DENNIS R. SCHMITZ

[illegible]

EXPERIENCE

EXPERIENCE		NDT METHODS & HIGHEST LEVEL ATTAINED	
FROM	TO	COMPANY	
1/83	present	Conam Inspection - Roseville, MN 55113	
1/77	8/82	Pittsburgh-DesMoines Corp. Des Moines, IA	Level III RT, UT, PT, MT, AWS CWI
6/75	1/77	Metils, Inc. - Houston, TX	Level II RT, UT, PT, MT
		(over)	

EYE EXAMINATIONS

DATE	EXAMINED BY	DATE	EXAMINED BY
1-27-83	D Anderson		
2-1-84	" "		
1-22-85	L.D. Duff, OD		

EDUCATION AND TRAINING (HIGHEST PUBLIC, ADVANCED AND NDT)

[illegible]

In accordance with the Conam Division
Procedure 99-CNTP-002

and the 1980 Edition of SNT-TC-1A.

"All historical information supplied by me to compile this certification is true and correct to the best of my knowledge."

COMMENTS

Examinee John H. Smith Date 1-11-83

Certificate of Completion

This is to certify that DENNIS SCHMITZ has completed the basic training

course on Radiation Safety and Use of Nuclear Soil Gauges, held

this 8TH day of AUGUST 19 85, held at GME CONSULTANTS City of MINNEAPOLIS

State of MINNESOTA by Campbell Pacific Nuclear Corporation.

COLI SAE W. H. HANCOCK

INSTRUCTOR

RADIATION SAFETY OFFICER

CONVERSATION RECORD

TIME

DATE

3-20-97

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

ORGANIZATION (OFFICE, DEPT. ETC.)

TELEPHONE NO.

Dennis Schmitz

GME Consultants, Inc

612-

559-1859

SUBJECT

CN 302422

SUMMARY

1. Provide some certification of his training.
2. Have Pres. or some one higher in management to sign stating Mr Schmitz is authorized to sign for the licensee.
3. Request change in Lic. Cond. 11. A. to drop the in-house training course which was taught by former RSO
4. Confirm that all licensed material has already been removed from the two storage locations to be deleted i.e. 314 Garfield Ave., Duluth MN and Job Site Trailer, Fort McCoy, WI
5. Confirm that they have never had any leaking sources and provide copies of the most recent leak test of the source removed from 2 locations to be deleted.
6. Provide as additional information to CN 302422
Dennis said he will FAX response tomorrow, 3-21, followed by hard copy.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Loren Hunter

3-20-97

ACTION TAKEN

SIGNATURE

TITLE

DATE



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

March 18, 1997

Dennis R. Schmitz
Radiation Safety Officer
GME Consultants, Inc.
14000 21st Avenue North
Minneapolis, MN 55447

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter & Application Dated 03/11/97)

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 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. 302422
License No. 22-23402-01