

SEP 05 1991

Missouri Engineering Corporation
ATTN: Jerry L. Gilmore, President
211 South Highway 63
Rolla, MO 65401

Dear Mr. Gilmore:

Enclosed is Amendment No. 01 to your NRC License No. 24-26270-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive 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. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address.
5. Request and obtain appropriate amendment if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. Any amendment request should be accompanied by the appropriate fee specified in 10 CFR Part 170.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material prior to your expiration date.

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You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations in your license application will result in enforcement action against you in accordance with the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

If you have any questions or require clarification of any of the above stated information, contact us at (708) 790-5625.

Sincerely,

Original Signed By
Loren J. Hueter
Materials Licensing Section

Enclosure: Amendment No. 01

RIII

LJH
Hueter/ps
09/05/91

CONVERSATION RECORD

TIME

DATE

9-3-91

TYPE

☐ VISIT

☐ CONFERENCE

☐ TELEPHONE

☐ INCOMING

☐ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Joe Silindri, Jr.

ORGANIZATION (Office, dept., bureau, etc.)

Wisconsin Engineering Corp.

TELEPHONE NO.

SUBJECT

CN 92062

SUMMARY

Requested a copy be submitted of CPH training certificate for Terry Silmon, proposed new RSC.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Tom Houtts

9-31-91

ACTION TAKEN

SIGNATURE

TITLE

DATE

Missouri Engineering Corporation
ENGINEERING CONSULTANTS

P.O. BOX 13
ROLLA, MISSOURI 65401 • PHONE 314/364-3503

September 3, 1991

Loren Hueter
U.S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Loren:

Per your request and in reference to control number 92062 and Missouri Engineering's correspondence to your office dated August 5, 1991, we would like to add a copy of Mr. Gilmore's Certificate of Completion of the basic training course on Radiation Safety and Use of Nuclear Gauge. Mr. Gilmore will assume the responsibilities as outlined in our license application dated January 29, 1991.

If you have any further requests, please contact our office.

Sincerely,

MISSOURI ENGINEERING CORP.

Joseph Gillardi, Jr.
Joseph Gillardi, Jr.

JG:nk
Enclosure

RECEIVED

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REGION III

SEP 6 1991

№ 17463

Certificate Of Completion

This is to certify that JERRY C. GILMORE has completed the
basic training course on Radiation Safety and Use of Nuclear Gauges,
held this 14th day of March 19 91, held in the
City of Rolla State of MISSOURI by CPN Company.

CPN
COMPANY
2840 Howe Road
Northridge, California USA 91351

Eddie G. Hall
RADIATION SAFETY OFFICER

Eddie G. Hall

Eddie G. Hall
INSTRUCTOR

Eddie G. Hall

Missouri Engineering Corporation
ENGINEERING CONSULTANTS

P.O. BOX 13
ROLLA, MISSOURI 65401 • PHONE: 314-364-4003

August 5, 1991

U. S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
799 Roosevelt Road
Cler Ellyn, IL 60017

Dear Sir/Madam:

Missouri Engineering requests a change to our Material License numbered 24-26270-01. We request the Radiation Protection Officer be changed to Jerry L. Gilmore. Enclosed is a check for \$300 for the amendment as stated by Sandra Kimberly of the Washington NRC office.

If you have any questions, please contact our office.

Sincerely,

MISSOURI ENGINEERING CORP.

Joseph Gillardi, Jr.

Joseph Gillardi, Jr.
JG/vm
Enc.

RECEIVED

AUG 12 1991

REGION III

CONFIDENTIAL

92062

Revised 8/8/91

AUG 12 1991

MATERIALS LICENSE

Amendment No. 01

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		In accordance with letter dated August 5, 1991	
1. Missouri Engineering Corporation		3. License number 24-26270-01 is amended in its entirety to read as follows:	
2. 211 South Highway 63 Rolla, MO 65401		4. Expiration date	February 28, 1996
		5. Docket or Reference No.	030-32039
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 (Campbell Pacific Nuclear Model No. CPN-131)	A. No single source to exceed 10 millicuries	
B. Americium-241	B. Sealed source (Campbell Pacific Nuclear Model No. CPN-131)	B. No single source to exceed 50 millicuries	
9. Authorized Use			
A. and B. To be used in Campbell Pacific Nuclear Model MC series surface moisture/density gauges.			

CONDITION

10. Licensed material may be stored at 211 S. Highway 63, Rolla, Missouri and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. A. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have satisfactorily completed the device manufacturer's training programs for gauge users and have been designated by the licensee's Radiation Protection Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.
- B. The Radiation Protection Officer for the activities authorized by this license is Jerry L. Gilmore.

COPY

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number	24-26270-01
Docket or Reference number	030-32039
Amendment No.	01

12. A. (1) The source(s) specified in Item(s) 7. A. and B. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 3 months before the transfer shall not be put into use until tested.
- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
- B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.
- C. The 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, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, ATTN: Chief, Nuclear Materials Safety Branch. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
- D. The licensee is authorized to collect leak test samples for analysis by Campbell Pacific Nuclear or tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
13. Sealed sources containing licensed material shall not be opened or removed from the gauges 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. Records of inventories shall be maintained for 2 years from the date of each inventory.
16. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
17. 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.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

24-26270-01

Docket or Reference number

030-32039

Amendment No. 01

18. The licensee shall maintain records of information important to safe and effective decommissioning at the location listed in Item 2 of this license per the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
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 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 January 29, 1991; and
- B. Letters dated August 5, 1991 and September 3, 1991.

For the U.S. Nuclear Regulatory Commission

Date: September 5, 1991

By Loan L. Boster
Materials Licensing Section, Region III