

REGION II
Calendar Year 2001

TRANSMITTAL FOR NRC FORM 241 & REVISION SUBMITTALS

3/7/01

[☒] INITIAL 241 PACKAGE LRN 000528
[] REVISION LRN _____
[] CLARIFICATION LRN _____

LICENSEE NAME : GEM Engineering, Inc

LICENSE STATE : KY NUMBER : 201-642-51

CHECK NO: 001767

CHECK AMOUNT: \$ 1200.00

FORWARDED BY: Jeanie Kirby

	Initial	Revision	Clarification
includes: Form 241	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fee	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
License Copy	<input checked="" type="checkbox"/>		

LICENSE FEE & ACCOUNT RECEIVABLE BRANCH

1. Fee Category and Amount: _____
2. Correct Fee Paid. Submittal may be processed for:

General License _____

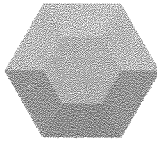
Revision _____

Signed _____ Date _____

404 562 4955

05/08 '00 13:07 NQ.559 01/07

NRC FORM 241 (7-1989)		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB NO. 3160-0018 <small>This form must be completed by persons who are authorized to act on behalf of the licensee or sponsor. The information provided on this form will be used by the Commission to determine if the proposed activities are within the scope of the general license. If the proposed activities are outside the scope of the general license, the Commission may require additional information. This form is required for all activities except those which are exempted from the requirements of the Atomic Energy Act of 1954. The Commission may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>	
<h2 style="margin: 0;">REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS</h2> <p style="margin: 0;">(Please read the instructions before completing this form)</p>					
1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) GEM Engineering, Inc.			2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL <input type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION		
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) 2219 Plantside Drive Louisville, KY 40299			4. LICENSEE CONTACT AND TITLE Michael C. Ronayne, VP Radiation Safety Officer 5. TELEPHONE NUMBER (Include Area Code) 6. FACSIMILE NUMBER (Include Area Code) (502) 493-7100 (502) 493-8190		
7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 180.20 <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> WELL LOGGING <input type="checkbox"/> LEAK TESTING AND/OR CALIBRATIONS <input type="checkbox"/> TELETHERAPY/RADIATOR SERVICE </div> <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> PORTABLE GAUGES <input type="checkbox"/> OTHER (Specify) _____ </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> RADIOGRAPHY → REGISTERED AS USER OF PACKAGING (CERTIFICATE OF COMPLIANCE NUMBER) _____ </div>					
8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE Kohl's Department Stores N56 W17000 Ridgewood Drive Menomonee, WI 53051 ATTN: Mr. Tim Johnson			9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION <small>(Street and Number or other location. Give as complete an address or directions as possible.)</small> Southwest Quadrant of I-265 and Charlestown Road intersection in Floyd County, Indiana 10. CLIENT TELEPHONE NUMBER (Include Area Code) 11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) (262) 703-1588 (507) 727-8918		
12. DATES SCHEDULED FROM TO 3-6-01 12-31-01		13. NUMBER OF WORK DAYS 180		14. AGO DELETE NUMBER TO BE ASSIGNED BY NRC 000528	
LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-15 ABOVE,					
17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED <small>(Indicate description of type and quantity of radioactive material, sealed sources, or devices to be used.)</small> Moisture/density gauges containing no more than 10mCi Cs-137 and 50mCi Am-241: Be per single source					
18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS THOSE SET FORTH IN THIS FORM (Four copies of the specific license must accompany the initial NRC Form 241.)			LICENSE NUMBER 201-642-51		STATE KY
			EXPIRATION DATE April 30, 2001		
19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)					
I, THE UNDERSIGNED, HEREBY CERTIFY THAT:					
<ol style="list-style-type: none"> a. All information in this report is true and complete. b. I have read and understand the provision of the general license 10 CFR 180.20 reprinted on the instructions of this form; and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-Agreement States or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission. c. I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 180.20 are limited to a total of 180 days in calendar year. With the exception of work conducted in off-shore waters, which is authorized for an unlimited period of time in the calendar year. d. I understand that I may be inspected by NRC at the above listed work site locations and at the Licensee home office address for activities performed in non-Agreement States or offshore waters. e. I understand that conduct of any activities not described above, including conduct of activities on dates or locations different from those described above or without NRC authorization, may subject me to enforcement action including civil or criminal penalties. 					
CERTIFYING OFFICER - RSO or Management Representative (Name and Title) Michael C. Ronayne, RSO			SIGNATURE <i>Michael C. Ronayne</i>		DATE 3-5-2001
WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that submissions to the NRC be complete and accurate in all material respects. 18 U.S.C. Section 1001 makes it a criminal offense to make a willfully false statement or report to any department or agency of the United States as to any matter within its jurisdiction.					
FOR NRC USE ONLY		Janice H. Kirby Licensing Assistant		TOTAL USAGE - DAYS TO DATE 3/5/01	



GEM Engineering, Inc.
2219 Plantside Drive
Louisville, Kentucky 40299

phone (502) 493-7100
fax (502) 493-8190
email mail@gemeng.com

TRANSMIT TO:

Attention:	Regional Administrator
Agency:	Division of Nuclear Material Safety Attn: Reciprocity Request U.S. NRC, Region II Sam Nunn Atlanta Federal Center
Street Address:	61 Forsyth Street, SW, Suite 23T85
City, State, ZIP	Atlanta, GA 30303-8931

VIA:

US Mail	
Overnight	X
Fax	
Delivery	

FROM:

Michael Ronayne

ATTACHMENTS:

No. of Copies	Description
4	Report of Proposed Activities (form 241)
1	Check for Application Fee
4	Copy of Kentucky License

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

GEM ENGINEERING, INC.
2219 PLANTSIDE DRIVE
LOUISVILLE, KY 40299

ATTENTION: G.T. "JERRY" VANDEVELDE, PRESIDENT
TELEPHONE: 502-493-7100

PURSUANT TO KRS 211.842 ET SEQ., THE KENTUCKY CABINET FOR HUMAN
RESOURCES REGULATIONS, 902 KAR 100, AND IN RELIANCE ON STATEMENTS
AND REPRESENTATIONS HERETOFORE MADE BY THE LICENSEE, A LICENSE IS
HEREBY ISSUED TO RECEIVE, ACQUIRE, OWN, POSSESS AND TRANSFER
RADIOACTIVE MATERIAL LISTED BELOW; AND TO USE SUCH RADIOACTIVE
MATERIAL FOR THE PURPOSE(S) AND AT THE PLACE(S) DESIGNATED BELOW.
THIS LICENSE IS SUBJECT TO ALL APPLICABLE RULES, REGULATIONS, AND
ORDERS OF THE CABINET FOR HUMAN RESOURCES, NOW OR HEREINAFTER IN
EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.

3. LICENSE NUMBER: 201-642-51
AMENDMENT NO. 0

4. EXPIRATION DATE: APRIL 30, 2001

5. REVIEWER: 44

6. LICENSED MATERIAL	7. FORM	8. POSSESSION LIMIT
A. AMERICIUM 241	A. SEALED SOURCE (Troxler Drawing #A-102451)	A. NO SINGLE SOURCE TO EXCEED 44 MILLI- CURIES
B. CESIUM 137	B. SEALED SOURCE (Troxler Drawing #A-102112)	B. NO SINGLE SOURCE TO EXCEED 9 MILLI- CURIES
C. AMERICIUM 241	C. SEALED SOURCE (CPN Model 131)	C. NO SINGLE SOURCE TO EXCEED 50 MILLI- CURIES

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D. NO SINGLE SOURCE TO EXCEED 10 MILLI-CURIES

C. AND D. TO BE USED IN CAMPBELL PACIFIC NUCLEAR INC. MODEL MC
SERIES MOISTURE/DENSITY GAUGES TO MEASURE PROPERTIES OF
CONSTRUCTION MATERIALS.

13. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS MICHAEL RONAYNE .

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-642-51

AMENDMENT 0

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14. THIS LICENSEE IS AUTHORIZED TO COLLECT LEAK TEST SAMPLES IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN THE LICENSEE'S APPLICATION DATED APRIL 3, 2000 FOR ANALYSIS BY PACIFIC NUCLEAR TECHNOLOGY .
ALTERNATIVELY, LEAK TEST SAMPLES MAY BE COLLECTED AND/OR ANALYZED BY OTHER PERSONS SPECIFICALLY AUTHORIZED BY THE CABINET, U.S. NUCLEAR REGULATORY COMMISSION OR AN AGREEMENT STATE.
15. SEALED SOURCES CONTAINING RADIOACTIVE MATERIAL SHALL NOT BE OPENED OR REMOVED FROM THEIR RESPECTIVE SOURCE HOLDERS BY THE LICENSEE.
16. ANY CLEANING, MAINTENANCE OR REPAIR OF THE GAUGE(S) INVOLVING REMOVAL OF THE SOURCE ROD FROM THE DEVICES OR REMOVAL OR DISMANTLING OF SHIELDING MAY BE PERFORMED ONLY BY THE MANUFACTURER OR BY OTHER PERSONS SPECIFICALLY AUTHORIZED BY THE CABINET, THE U. S. NUCLEAR REGULATORY COMMISSION OR AN AGREEMENT STATE TO PERFORM SUCH SERVICES.
17. EACH PORTABLE 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 NOT UNDER THE DIRECT SURVEILLANCE OF AN AUTHORIZED USER.
18. 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 CABINET, AND SHALL INCLUDE THE QUANTITIES AND KINDS OF RADIOACTIVE MATERIAL, LOCATION OF SEALED SOURCES, AND THE DATE OF THE INVENTORY.
19. THE LICENSEE MAY TRANSPORT RADIOACTIVE MATERIAL, OR DELIVER RADIOACTIVE MATERIAL TO A CARRIER FOR TRANSPORT, IN ACCORDANCE WITH THE PROVISIONS OF 902 KAR 100:070, AND OTHER DEPARTMENTS OF THE COMMONWEALTH OF KENTUCKY HAVING JURISDICTION.
20. IN ADDITION TO THE POSSESSION LIMITS IN ITEM 8, THE LICENSEE SHALL FURTHER RESTRICT THE POSSESSION OF RADIOACTIVE MATERIAL TO QUANTITIES BELOW THE MINIMUM LIMIT SPECIFIED IN 902 KAR 100:040, SECTION 15, FOR ESTABLISHING DECOMMISSIONING FINANCIAL ASSURANCE.

CABINET FOR HEALTH SERVICES
COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

LICENSE NUMBER: 201-642-51

AMENDMENT 0

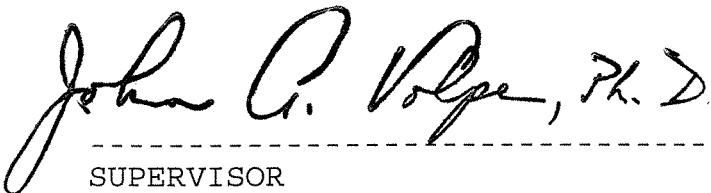
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21. EXCEPT AS SPECIFICALLY PROVIDED OTHERWISE IN THIS LICENSE, THE LICENSEE SHALL CONDUCT ITS PROGRAM IN ACCORDANCE WITH THE STATEMENTS, REPRESENTATIONS, AND PROCEDURES CONTAINED IN THE DOCUMENTS, INCLUDING ANY ENCLOSURES, LISTED BELOW. THE CABINET FOR HUMAN RESOURCES REGULATIONS, 902 KAR 100, SHALL GOVERN UNLESS STATEMENTS, REPRESENTATIONS, AND PROCEDURES IN THE LICENSEE'S APPLICATION AND CORRESPONDENCE ARE MORE RESTRICTIVE THAN THE REGULATION.

A. APPLICATION DATED APRIL 3, 2000, SIGNED BY G.T. VANDEVELDE, P.E., PRESIDENT.

B. LETTERS DATED:

1. APRIL 17, 2000, SIGNED BY MICHAEL C. RONAYNE, P.E., VICE-PRESIDENT.
2. APRIL 19, 2000, FAX FROM MICHAEL C. RONAYNE, P.E., VICE-PRESIDENT.
3. APRIL 26, 2000, SIGNED BY MICHAEL C. RONAYNE, P.E., VICE-PRESIDENT.



SUPERVISOR
RADIATION HEALTH & TOXIC
AGENTS BRANCH

JIMMY D. HELTON

SECRETARY
CABINET FOR HEALTH SERVICES

DATE ISSUED MAY 2, 2000