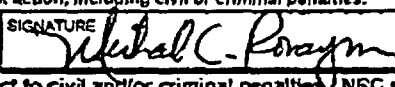
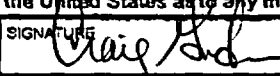


<b>NRC FORM 241</b> (8-2002)		<b>U.S. NUCLEAR REGULATORY COMMISSION</b>		<b>APPROVED BY OMB: NO. 3150-0013</b> Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records Management Branch (T-6 ES), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to <a href="mailto:infocollections@nrc.gov">infocollections@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0013), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	
<b>REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS</b> (Please read the instructions before completing this form)					
1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) <b>GEM Engineering, Inc.</b>			<input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> REVISION <input type="checkbox"/> CLARIFICATION		
3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) <b>2219 Plantside Drive Louisville, Kentucky 40299</b>			4. LICENSEE CONTACT AND TITLE <b>Michael C. Ronayne, V.P. Radiation Safety Officer</b>		
			5. TELEPHONE NUMBER (Include Area Code) <b>(502) 493-7100</b>		6. FACSIMILE NUMBER (Include Area Code) <b>(502) 493-8190</b>
7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20 <input type="checkbox"/> WELL LOGGING <input type="checkbox"/> LEAK TESTING AND/OR CALIBRATIONS <input type="checkbox"/> THERAPY/IRRADIATOR SERVICE <input checked="" type="checkbox"/> PORTABLE GAUGES <input type="checkbox"/> OTHER (Specify) <u>                    </u> <input type="checkbox"/> RADIOGRAPHY <u>                    </u> REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)					
8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE <b>Arnold, Dugan &amp; Meyers, Inc. 2712 River Green Circle Louisville, Kentucky 40206</b>			9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) <b>New Albany Wastewater Treatment Plant SE corner of Main Street &amp; 10th Street New Albany, Indiana 47150</b>		
			10. CLIENT TELEPHONE NUMBER (Include Area Code) <b>(502) 894-4481</b>		11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) <b>(812) 542-1770</b>
12. DATES SCHEDULED FROM <u>see attached sheet</u> TO <u>                    </u>		13. NUMBER OF WORK DAYS <b>55</b>	14. ADD <b>X</b>	15. DELETE 	16. LOCATION REFERENCE NUMBER <b>00069</b>
<b>LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 8-16 ABOVE.</b>					
17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.) <b>Moisture / density gauges containing no more than 10 mCi Cs-137 and 50 mCi AM-241:Be per single source. Troxler Models 3411, 3440 and 3450 CPN Models MC-1, MC1DR</b>					
18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE (Four copies of the specific license must accompany the initial NRC Form 241.)			LICENSE NUMBER <b>201-642-51</b>	STATE <b>KY</b>	EXPIRATION DATE <b>April 30, 2004</b>
<b>19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)</b>					
I, THE UNDERSIGNED, HEREBY CERTIFY THAT:					
a. All information in this report is true and complete.					
b. I have read and understand the provision of the general license 10 CFR 150.20 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 150.20 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) <b>Michael C. Ronayne, P.E., R.S.O.</b>			SIGNATURE 		DATE <b>01/13/2005</b>
<b>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 representation to any department or agency of the United States as to any matter within its jurisdiction.</b>					
FOR NRC USE ONLY	REVIEWING OFFICIAL (Typed/Printed Name and Title) <b>Craig Gordon, Sr. HP</b>		SIGNATURE 	DATE <b>1/13/05</b>	TOTAL USAGE - DAYS TO DATE <b>55</b>

## ATTACHMENT FOR NRC Form 241

## 12. DATES SCHEDULED

FROM	TO
1-17-05	1-21-05
1-24-05	1-28-05
1-31-05	2-4-05
2-7-05	2-11-05
2-14-05	2-18-05
2-21-05	2-25-05
2-28-05	3-4-05
3-7-05	3-11-05
3-14-05	3-18-05
3-21-05	3-25-05
3-28-05	4-1-05

NRC FORM 241 (8-2002)		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0013 Estimated burden per response to comply with this mandatory collection request: 15 minutes. This notification is required so that NRC may schedule inspection of the activities to ensure that they are conducted in accordance with requirements for protection of the public health and safety. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to <a href="mailto:infocollections@nrc.gov">infocollections@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOF-10202, (3150-0013), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		EXPIRES: 08/31/2008	
<b>REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS</b> (Please read the instructions before completing this form)							
1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) GEM Engineering, Inc.				<input type="checkbox"/> INITIAL <input checked="" 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, Kentucky 40299				4. LICENSEE CONTACT AND TITLE Michael C. Ronayne, V.P. Radiation Safety Officer			
				5. TELEPHONE NUMBER (Include Area Code) (502) 493-7100	6. FACSIMILE NUMBER (Include Area Code) (502) 493-8180		
7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20							
<input type="checkbox"/> WELL LOGGING <input type="checkbox"/> LEAK TESTING AND/OR CALIBRATIONS <input type="checkbox"/> THERAPY/IRRADIATOR SERVICE							
<input checked="" type="checkbox"/> PORTABLE GAUGES <input type="checkbox"/> OTHER (Specify) $\Rightarrow$ _____							
<input type="checkbox"/> RADIOGRAPHY $\Rightarrow$ REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS) _____							
8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE Arnold, Dugan & Meyers, Inc. 2712 River Green Circle Louisville, Kentucky 40206				9. ACTUAL/PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) New Albany Wastewater Treatment Plant SE corner of Main Street & 10th Street New Albany, Indiana 47150			
				10. CLIENT TELEPHONE NUMBER (Include Area Code) (502) 894-4481	11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) (812) 542-1770		
12. DATES SCHEDULED		13. NUMBER OF WORK DAYS		14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER	
FROM 01/17/2005		TO 04/01/2005		55		X	
						NUMBER TO BE ARRANGED BY NRC 000069	
LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.							
17. LIST RADIOACTIVE MATERIAL, WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, sealed sources, or devices to be used.) Moisture / density gauges containing no more than 10 mCi Cs-137 and 50 mCi AM-241/Be per single source. Troxler Models 3411, 2440 and 3450 CPN Models MC-1, MC1DR							
18. AGREEMENT STATE SPECIFIC LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 9. ABOVE. (Four copies of the specific license must accompany the Initial NRC Form 241.)				LICENSE NUMBER 201-642-51	STATE KY	EXPIRATION DATE April 30, 2004	
19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)							
I, THE UNDERSIGNED, HEREBY CERTIFY THAT:							
a. All information in this report is true and complete.							
b. I have read and understand the provision of the general license 10 CFR 150.20 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 150.20 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, P.E., R.S.O.				SIGNATURE <i>Michael C. Ronayne</i>		DATE 01/13/2005	
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 representation to any department or agency of the United States as to any matter within its jurisdiction.							
FOR NRC USE ONLY		REVIEWING OFFICIAL (Typed/Printed Name and Title)		SIGNATURE		DATE	
						TOTAL USAGE - DAYS TO DATE 55	

③ 1/12/05