

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-8 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollections@nrc.gov , 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.		EXPIRES: 08/31/2005	
REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS <i>(Please read the instructions before completing this form)</i>							
1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) Thelen Associates, Inc.				<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) 1398 Cox Avenue Erlanger, Kentucky 41018				4. LICENSEE CONTACT AND TITLE Keith Pryse, R.S.O.			
				5. TELEPHONE NUMBER (Include Area Code) (859) 746-9400		6. FACSIMILE NUMBER (Include Area Code) (859) 746-9408	
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"/> TELETHERAPY/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 Cincinnati Gas & Electric Co. Cinergy Corporation 10800 Brower Road North Bend, OH 45052				9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and Number or other location. Give as complete an address or directions as possible.) P.O. Box 408, S.R. 64 Owensville, IN 47665			
				10. CLIENT TELEPHONE NUMBER (Include Area Code) (513) 467-4892		11. WORK LOCATION TELEPHONE NUMBER (Include Area Code) (812) 386-8491	
12. DATES SCHEDULED		13. NUMBER OF WORK DAYS		14. ADD		15. DELETE	
FROM 03/22/2004		TO 03/25/2004		4			
						16. LOCATION REFERENCE NUMBER NUMBER TO BE ASSIGNED BY NRC 000549	
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.) Cesium 137, 10 millicuries, sealed source in CPN moisture/density gauge Americium 241, 50 millicuries, sealed source in CPN moisture/density gauge							
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 201-189-51		STATE KY	
				EXPIRATION DATE 6/30/2004			
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) Keith A. Pryse, R.S.O.				SIGNATURE <i>Keith A. Pryse</i>		DATE 03/10/2004	
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 <i>John McRath</i>		DATE 3/15/04	
						TOTAL USAGE-- DAYS TO DATE 4	

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RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

THELEN ASSOCIATES, INC.
1398 COX ROAD
ERLANGER, KY 41018

ATTENTION: KEITH A. PRYSE
TELEPHONE: 859-746-9400

RECEIVED
JUN 11 2003
THELEN ASSOC., INC.

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 HEALTH SERVICES, NOW OR HEREINAFTER IN EFFECT AND TO ANY CONDITIONS SPECIFIED BELOW.

3. LICENSE NUMBER: 201-189-51
AMENDMENT NO. 37
AMENDS IN ITS ENTIRETY
4. EXPIRATION DATE: JUNE 30, 2004
5. REVIEWER: 47

6. LICENSED MATERIAL	7. FORM	8. POSSESSION LIMIT
A. CESIUM 137	A. SEALED SOURCE (Troxler DWG. A-102112)	A. NO SINGLE SOURCE TO EXCEED 9 MILLI- CURIES
B. AMERICIUM 241	B. SEALED SOURCE (Troxler DWG. A-102451)	B. NO SINGLE SOURCE TO EXCEED 44 MILLI- CURIES

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C. CESIUM 137	C. SEALED SOURCE (CPN MODEL 131)	C. NO SINGLE SOURCE TO EXCEED 10 MILLI- CURIES
D. AMERICIUM 241	D. SEALED SOURCE (CPN MODEL 131)	D. NO SINGLE SOURCE TO EXCEED 50 MILLI- CURIES

9. AUTHORIZED USE

- A. TO BE USED IN TROXLER MODEL 3400 SERIES MOISTURE/DENSITY GAUGE AND IN TROXLER MODEL 4640-B SURFACE DENSITY GAUGE TO MEASURE PROPERTIES OF CONSTRUCTION MATERIALS.
- B. TO BE USED IN TROXLER MODEL 3400 SERIES MOISTURE/DENSITY GAUGE TO MEASURE PROPERTIES OF CONSTRUCTION MATERIALS.
- C. AND D. TO BE USED IN CAMPBELL PACIFIC NUCLEAR MODEL MC-1 MOISTURE/DENSITY GAUGE TO MEASURE PROPERTIES OF CONSTRUCTION MATERIALS.

CONDITIONS:

- 10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HEALTH SERVICES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100.
- 11. RADIOACTIVE MATERIAL MAY BE STORED AT:
THE LICENSEE'S ADDRESS STATED IN ITEM 2.

RADIOACTIVE MATERIAL MAY BE USED AT TEMPORARY JOB SITES, IN AREAS NOT UNDER EXCLUSIVE FEDERAL JURISDICTION, ANYWHERE IN THE COMMONWEALTH OF KENTUCKY WHERE THE CABINET MAINTAINS JURISDICTION FOR REGULATING THE USE OF RADIOACTIVE MATERIAL. (THIS CONDITION DOES NOT PROHIBIT USE IN OTHER STATES UNDER RECIPROCITY PRIVILEGES WHICH MAY BE GRANTED BY THE REGULATORY AGENCY HAVING JURISDICTION.)

- 12. RADIOACTIVE MATERIAL SHALL BE USED BY, OR UNDER THE SUPERVISION AND IN THE PHYSICAL PRESENCE OF, KEITH A. PRYSE. ALTERNATIVELY, RADIOACTIVE MATERIAL MAY BE USED BY INDIVIDUALS WHO HAVE BEEN TRAINED AS SPECIFIED IN APPLICATION DATED DECEMBER 23, 1995 AND HAVE BEEN APPROVED IN WRITING BY THE RADIATION SAFETY OFFICER. THE LICENSEE SHALL MAINTAIN RECORDS OF THE TRAINING RECEIVED BY INDIVIDUALS DESIGNATED AS USERS FOR INSPECTION BY THE CABINET FOR FIVE YEARS FOLLOWING THE LAST USE OF RADIOACTIVE MATERIAL BY THE INDIVIDUAL. THIS TRAINING

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PROGRAM IS APPLICABLE ONLY TO INDIVIDUALS WHO SHALL USE
LICENSED MATERIAL UNDER THE AUTHORITY OF THIS LICENSE.

13. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED
BY THIS LICENSE IS KEITH A. PRYSE .
14. THIS LICENSEE IS AUTHORIZED TO COLLECT LEAK TEST SAMPLES IN
ACCORDANCE WITH THE PROCEDURES DESCRIBED IN THE LICENSEE'S
APPLICATION DATED DECEMBER 23, 1995 FOR ANALYSIS
BY SUNTRAC SERVICES, INC. .
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.
- TESTS FOR LEAKAGE AND/OR CONTAMINATION SHALL NOT EXCEED
INTERVALS OF ONE YEAR FOR RADIOACTIVE MATERIAL CONTAINED IN
CAMPBELL-PACIFIC MODEL MC-1 GAUGE.
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 SHALL 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 WHEN 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 FIVE (5) YEARS FROM THE DATE OF THE
INVENTORY FOR INSPECTION BY THE CABINET, AND SHALL INCLUDE
THE RADIONUCLIDES, QUANTITIES, MANUFACTURER'S NAME AND MODEL
NUMBERS, LOCATION OF SEALED SOURCES, AND THE DATE OF THE
INVENTORY.

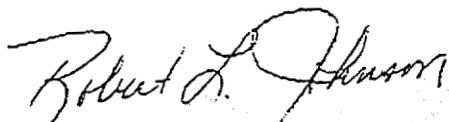
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19. THE LICENSEE MAY TRANSPORT RADIOACTIVE MATERIAL, OR DELIVER RADIOACTIVE MATERIAL TO A CARRIER FOR TRANSPORT, IN ACCORDANCE WITH THE PROVISIONS OF 902 KAR 100:070, AND OTHER DEPARTMENTS OF THE COMMONWEALTH OF KENTUCKY HAVING JURISDICTION.
20. IN 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 100:042, SECTION 11, FOR ESTABLISHING DECOMMISSIONING FINANCIAL ASSURANCE.
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 HEALTH SERVICES 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 FEBRUARY 4, 2003, SIGNED BY KEITH A. PRYSE, VICE-PRESIDENT.
- B. LETTER DATED FEBRUARY 7, 2003, SIGNED BY PAUL S. LARSEN, GENERAL MANAGER.



MANAGER
RADIATION HEALTH & TOXIC
AGENTS BRANCH

MARCIA R. MORGAN

SECRETARY
CABINET FOR HEALTH SERVICES

DATE ISSUED JUNE 10, 2003