

AUG-25-2004 13:50

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NRC FORM 241 (4-2004) U.S. NUCLEAR REGULATORY COMMISSION

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS

(Please read the instructions before completing this form)

APPROVED BY OMB: NO. 3180-0013 EXPIRES: 06/30/2006

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 and Policy/Privacy Services Branch (T-5 P37), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-10202 (3150-0013), Office of Management and Budget, Washington, DC 20503. If a fee is 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.

1. NAME OF LICENSEE (Person or firm proposing to conduct the activities described below): **Chase Environmental Group Inc**

2. TYPE OF REPORT: INITIAL REVISION CLARIFICATION

3. ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located): **11450 WATFELSON COURT
Louisville, KY 40295**

4. LICENSEE CONTACT AND TITLE: **Tom Hansen - RSO**

5. TELEPHONE NUMBER (Include Area Code): **865 584 0833**

6. FACSIMILE NUMBER (Include Area Code): **865 584 1961**

7. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 160.20

WELL LOGGING LEAK TESTING AND/OR CALIBRATIONS TELE THERAPY/RADIATOR SERVICE

PORTABLE GAUGES OTHER (Specify) **⇒ Packaging and Transportation**

RADIOGRAPHY **⇒ REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)**

8. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE: **See Attached List**

9. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (Street and number or other location. Give as complete an address or direction as possible): **See Attached List**

10. CLIENT TELEPHONE NUMBER (Include Area Code): **See Attached List**

11. WORK LOCATION TELEPHONE NUMBER (Include Area Code): **See Attached List**

12. DATES SCHEDULED	13. NUMBER OF WORK DAYS	14. ADD	15. DELETE	16. LOCATION REFERENCE NUMBER
FROM TO				
See Attached List	See Attached List			NUMBER TO BE ASSIGNED BY NRC 001010 001010 001011

17. LIST RADIOACTIVE MATERIAL WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED (Include description of type and quantity of radioactive material, waste source, or device to be used.)

1. Atomic Numbers 3-92 inclusive excluding H-3, source material, special nuclear material, and form 10C.
2. H-3 solid, liquid, gas 50Ci 4. SNM - ANY Form - 350g U-235, 200g U-238, 200g Pu 10C.
3. Source Material ANY FORM 100CKg 5. Am-241 ANY Form - 100mP.

18. AGREEMENT STATE SPECIAL LICENSE WHICH AUTHORIZES THE UNDERSIGNED TO CONDUCT ACTIVITIES WHICH ARE THE SAME, EXCEPT FOR LOCATION OF USE, AS SPECIFIED IN ITEM 1 ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241.)

LICENSE NUMBER: **201-605-90** STATE: **KY** EXPIRATION DATE: **12/31/04**

19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

THE UNDERSIGNED, HEREBY CERTIFY THAT:

- All information in this report is true and complete.
- I have read and understand the provision of the general license 10 CFR 160.20 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.
- I understand that activities, including storage, conducted in non-Agreement States under general license 10 CFR 160.20 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.
- 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.
- I understand that conduct of any activities not described above, including conduct of activities on sites 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): **John C. Noel - Director** SIGNATURE: *[Signature]* DATE: **8/25/04**

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): **E ULLRICH** SIGNATURE: *[Signature]* DATE: **8/25/04** TOTAL USAGE - DAYS TO DATE: **2**

map 8/25/04

Client Name and Address	Physical Address of Work Location	Client Phone	Work Address Phone	Date Scheduled	Number of Days
AEA Technology, QSA 6765 Langley Drive Baton Rouge, LA 70809	St. Joseph Hospital 703 Main Street Paterson, NJ 07503	225-751-5893	973-754-2681	8/26/04	Less than one 001010
US Filter 2 Milltown Court Union, NJ 07083	US Filter 2 Milltown Court Union, NJ 07083	908-851-6952	908-851-6952	8/27/04	Less than one 001011
AEA Technology, QSA 6765 Langley Drive Baton Rouge, LA 70809	Riverside Auto Parts Leesville Avenue Rahway, NJ 07065	225-751-5893	732-388-0709	8/27/04	Less than one 001012

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COMMONWEALTH OF KENTUCKY
RADIOACTIVE MATERIAL LICENSE

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1. LICENSEE AND 2. ADDRESS

CHASE ENVIRONMENTAL GROUP INC.
11450 WATTERSON COURT
LOUISVILLE, KY 40299-2389

ATTENTION: RICHARD E. SAUER, PRESIDENT
TELEPHONE: 502-267-1455

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: 201-605-90
AMENDMENT NO. 9
- 4. EXPIRATION DATE: DECEMBER 31, 2004
- 5. REVIEWER: 12

- 6. LICENSED MATERIAL 7. FORM 8. POSSESSION LIMIT
- A. ANY RADIOACTIVE MATERIAL WITH ATOMIC NUMBERS 3-92 INCLUSIVE, EXCLUDING H-3, SOURCE MATERIAL AND SPECIAL NUCLEAR MATERIAL A. ANY FORM A. 10,000 MILLICURIES

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B. HYDROGEN 3	B. SOLID, LIQUID OR GAS	B. 50,000 MILLICURIES
C. SOURCE MATERIAL	C. ANY	C. 1000 KILOGRAMS
D. SPECIAL NUCLEAR MATERIAL	D. ANY	D. 350 GRAMS URANIUM- 235, 200 GRAMS URANIUM-233, OR 200 GRAMS PLUTONIUM OR ANY COMBINATION OF THESE PROVIDED THE SUM OF THE RATIOS OF THE QUANTITIES DOES NOT EXCEED UNITY
E. AMERICIUM-241	E. ANY	E. 100 MILLICURIES
F. BARIUM 133	F. SEALED SOURCE (NORTH AMERICAN SCIENTIFIC MODEL #IND1401)	F. NO SINGLE SOURCE TO EXCEED 30 MICRO- CURIES
G. CESIUM 137	G. SEALED SOURCE (BECKMAN #598860 OR 501095; AMERSHAM MODEL CDRB5192)	G. NO SINGLE SOURCE TO EXCEED 30 MICRO- CURIES

9. AUTHORIZED USE

- A.-E. FOR DECONTAMINATION, DEMOLITION OR REMOVAL, RADIOLOGICAL SURVEY, SAMPLING, PROCESSING AND TRANSPORT FOR DISPOSAL OR TRANSFER TO FACILITIES AUTHORIZED TO STORE, PROCESS OR DISPOSE OF RADIOACTIVE MATERIAL IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF LICENSES ISSUED BY THE U.S. NUCLEAR REGULATORY COMMISSION OR AN AGREEMENT STATE.
- F. FOR USE AS A CALIBRATION SOURCE ASSOCIATED WITH USE OF PACKARD MODEL A1900 LIQUID SCINTILLATION COUNTER.
- G. FOR USE AS A CALIBRATION SOURCE ASSOCIATED WITH USE OF BECKMAN MODEL LS5801 OR MODEL LS5000TA LIQUID SCINTILLATION COUNTERS.

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CONDITIONS:

10. THE LICENSEE SHALL COMPLY WITH THE PROVISIONS OF THE KENTUCKY CABINET FOR HEALTH SERVICES ADMINISTRATIVE RADIATION REGULATIONS, 902 KAR 100.
11. LICENSED MATERIAL SHALL BE USED ONLY 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. COPIES OF RECORDS REQUIRED PURSUANT TO 902 KAR 100 OR CONDITIONS OF THE LICENSE SHALL BE MAINTAINED FOR INSPECTION BY THE CABINET AT 11450 WATTERSON COURT, LOUISVILLE, KY 40222
13. RADIOACTIVE MATERIAL SHALL BE USED BY, OR UNDER THE SUPERVISION AND IN THE PHYSICAL PRESENCE OF, RICHARD E. SAUER, MICHAEL B. MILLS, CHRIS WARD, WADE FILLINGAME, TERRY HIGGINS, ROBERT B. RITTENBERG, & THOMAS W. HANSEN ALTERNATIVELY, RADIOACTIVE MATERIAL MAY BE USED BY INDIVIDUALS WHO HAVE BEEN TRAINED AS SPECIFIED IN APPLICATION DATED APRIL 30, 1997 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 PROGRAM IS APPLICABLE ONLY TO INDIVIDUALS WHO SHALL USE LICENSED MATERIAL UNDER THE AUTHORITY OF THIS LICENSE.
14. THE RADIATION SAFETY OFFICER FOR THE ACTIVITIES AUTHORIZED BY THIS LICENSE IS THOMAS W. HANSEN .
15. THE LICENSEE SHALL SUBMIT A DECONTAMINATION, DECOMMISSIONING, AND REMEDIATION PROJECT WORK PLAN FOR EACH PROJECT TO BE PERFORMED UNDER THIS LICENSE. THIS PLAN WILL SPECIFY AN ESTIMATE OF THE TYPES, QUANTITIES, PHYSICAL/CHEMICAL FORMS OF RADIOACTIVE MATERIAL; SPECIFICATIONS OF SITE LOCATION INCLUDING FACILITIES AND EQUIPMENT, AND RADIATION DETECTION INSTRUMENTS TO BE USED; DESCRIPTION OF PROJECT ACTIVITIES INCLUDING WASTE MANAGEMENT AND DISPOSITION; ESTIMATED PROJECT START DATE AND DURATION; AND IDENTIFICATION OF, AND INFORMATION ON HOW TO CONTACT, KEY PROJECT PERSONNEL. IN ADDITION, THE PLAN SHALL INCLUDE PERSONNEL QUALIFICATIONS INCLUDING THOSE OF THE RADIATION CONTROL SUPERVISOR, AND A DESCRIPTION OF PERSONNEL DOSIMETRY AND BIOASSAY PROCEDURES TO BE USED. OTHER INFORMATION SHALL BE SUBMITTED AS REQUIRED BY THE REFERENCES

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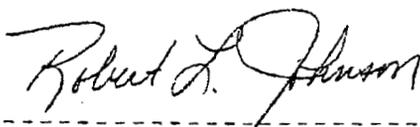
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IN CONDITION 19 OF THIS LICENSE.

16. THIS LICENSE DOES NOT AUTHORIZE THE POSSESSION AND USE OF LICENSED MATERIAL AT CUSTOMER FACILITIES OR CUSTOMER TEMPORARY JOB SITES FOR USES SPECIFICALLY AUTHORIZED BY THE CUSTOMERS LICENSE.
17. AT THE COMPLETION OF ACTIVITIES AT EACH JOB SITE LOCATION, THE LICENSEE SHALL NOTIFY THE CABINET OF THE TEMPORARY JOB SITE STATUS AND THE DISPOSITION OF RADIOACTIVE MATERIAL.
18. 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.
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 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 APRIL 30, 1997, SIGNED BY RICHARD E. SAUER, PRESIDENT.
 - B. LETTERS DATED:
 1. OCTOBER 10, 1997, SIGNED BY RICHARD E. SAUER, PRESIDENT.
 2. DECEMBER 5, 1997, SIGNED BY ARTHUR J. PALMER, RSO.
 3. SEPTEMBER 15, 1998, SIGNED BY RICHARD E. SAUER, PRESIDENT.
 4. OCTOBER 27, 1998, SIGNED BY ARTHUR J. PALMER, RSO.
 5. APRIL 9, 1999, SIGNED BY RICHARD E. SAUER, PRESIDENT.
 6. NOVEMBER 17, 1999, SIGNED BY RICHARD E. SAUER, PRESIDENT.



MANAGER
RADIATION HEALTH & TOXIC
AGENTS BRANCH

MARCIA R. MORGAN

SECRETARY
CABINET FOR HEALTH SERVICES

DATE ISSUED JANUARY 5, 2004