

REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES

(Please read the instructions on the cover sheet before completing this form.)

ESTIMATED BURDEN FOR RESPONDENTS TO COMPLETE THIS INFORMATION COLLECTION REQUEST IS 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. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (1-8 1700) U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545-0001, AND TO THE PAPERWORK REDUCTION PROJECT (1510-0042), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

NAME OF LICENSEE (Person or firm proposing to conduct the activities described below) Regents, University of California, San Diego	2. TYPE OF REPORT <input checked="" type="checkbox"/> INITIAL REVISION CLARIFICATION	3. CONTROL NUMBER (Leave Blank - Number to be assigned by NRC)
	5. LICENSEE CONTACT Kenneth Helm, RSO	
ADDRESS OF LICENSEE (Mailing address or other location where licensee may be located) UCSD, Environment, Health and Safety 9500 Gilman Dr. La Jolla, CA 92093 - 0920	6. TELEPHONE NUMBER (include Area Code) (619) 534-1069	7. FACSIMILE NUMBER (include Area Code) (619) 534-7982

8. ACTIVITIES TO BE CONDUCTED IN NON-AGREEMENT STATES UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 150.20

WELL LOGGING	LEAK TESTING AND/OR CALIBRATIONS	TELETHERAPY/RADIATOR SERVICE
PORTABLE GAUGES	<input checked="" type="checkbox"/> OTHER (Specify) Marine biology, ocean chemistry, climatic, and oceanographic research on board research vessels in offshore waters	
RADIOGRAPHY →	TRANSPORTATION QA PROGRAM APPROVAL NO. & REV. NO.	REGISTERED AS USER OF PACKAGINGS (CERTIFICATES OF COMPLIANCE NOS.)

9. CLIENT NAME, ADDRESS, CITY/COUNTY, STATE, ZIP CODE UCSD operated research vessels and research vessels that are operated by other organizations and are periodically hosts to UCSD scientists.	10. WORK LOCATION ADDRESS (Street and Number or other location. Give as complete an address or directions as possible.) See attachment.
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11. CLIENT TELEPHONE NUMBER (include Area Code)	12. WORK LOCATION CONTACT Ship's Master	13. WORK LOCATION TELEPHONE NUMBER (include Area Code)
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14. DATES SCHEDULED		15. NUMBER OF WORK DAYS	16. LOCATION REFERENCE NUMBER
FROM	TO		LEAVE BLANK FOR INITIAL NRC FORM 241 REQUESTS. NUMBER TO BE ASSIGNED BY NRC
See attachment.	See attachment.		

LIST ADDITIONAL WORK SITES ON SEPARATE SHEET TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 9-16 ABOVE.

17. LIST RADIOACTIVE MATERIAL WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED IN NON-AGREEMENT STATES.
 (include description of type and quantity of radioactive material, sealed sources, or devices to be used)
 see attached

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 8. ABOVE. (Four copies of the specific license must accompany the initial NRC Form 241)

LICENSE NUMBER 1339 - 37	STATE California	EXPIRATION DATE December 31, 2001	TOTAL USAGE DAYS TO DATE
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19. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)

20. I, 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 150.20 reprinted on the cover sheet of this form set 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-agreements States under general license 10 CFR 150.20 are limited to a total of 180 days in 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 am also aware that I will be responsible for any fees associated with such inspections.
- 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.

SIGNATURE - CERTIFYING OFFICER (RSO or Manager of Professional Service)	TYPED/PRINTED NAME Kenneth Helm	TITLE Radiation Safety Officer	DATE 12/16/99
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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	AUTHORIZING OFFICIAL M. C. Hernandez	TITLE M. C. Hernandez Radiation Specialist	DATE 1/3/00
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PDR ST PR

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SANTA BARBARA • SANTA CRUZ

ENVIRONMENT, HEALTH AND SAFETY, 0920
PHONE (858) 534-3660
FAX (858) 534-7982

9500 GILMAN DRIVE
LA JOLLA, CALIFORNIA 92093-0920

Form 241 Attachment, 2000 calendar year

10. Work Location Address: The radioisotope work will occur on various research vessels operating in off-shore waters.

- A. *R/V New Horizon*, presently RTS#~~000184~~ 000072
Location: Offshore waters along the California coast.
- B. *R/V Roger Revelle*, presently RTS#~~000183~~ 000074
Location: East Sea/Sea of Japan.
- C. *R/V Melville*, presently RTS#~~000085~~ 000076
Location: Offshore waters along Southern California, Mexico, Cost Rica, Panama and Ecuador.

14. Dates:

- A. *R/V New Horizon*, 1/5/00 - 2/1/00.
- B. *R/V Roger Revelle*, 1/14/00 – 2/7/00.
- C. *R/V Melville*, 2/12/00 – 5/14/00 (transit), 5/15/00 – 6/11/00 (use).

17. Radioactive Materials:

- a. Carbon-14 100 mCi.
- b. Tritium 50 mCi.
- c. Sulfur-35 30 mCi.
- d. Iron-55 30 mCi.
- e. Iron-59 30 mCi.
- f. Silicon-32 10 mCi.
- g. Phosphorus-32 5 mCi.
- h. Nickel 63 65 mCi.
- i. Cesium-137 20 mCi.
- j. Zinc-65 10 mCi.
- k. Cadmium-109 10 mCi.



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064**

January 3, 2000

MEMORANDUM TO: Shirley Crutchfield
License Fee and Accounts Receivable Branch (T9 E10)

FROM: Christi Hernandez
Nuclear Materials Licensing Branch, Region IV *MCH*

SUBJECT: FEE TRANSMITTAL

A. Region IV

1. NRC FORM 241 ATTACHED

Applicant/Licensee: Regents of the University of California, San Diego
 NRC Form 241 Dated: December 16, 1999
 Agreement State License: CA 1339-37
 Program Code(s): 03620

2. REVISION ATTACHED

Licensee:
 Agreement State License:

3. CLARIFICATION ATTACHED

Licensee:
 Agreement State License:

4. FEE ATTACHED

Amount: Check: #

5. COMMENTS

Licensee claims fee exemption as non-profit educational institution.

2000 JAN -5 PM 4: 22

B. LICENSE FEE AND ACCOUNTS RECEIVABLE BRANCH

1. Fee Category and Amount: _____

2. Correct Fee Paid. Submittal may be processed for:

General License _____

Revision _____

Signed _____ Date _____