

FORM 3
University of California, Davis
Environmental Health & Safety, Health Physics

Date Received: _____

RUA	Date Added	Date Term.

CROCKER NUCLEAR LABORATORY

RADIATION USE AUTHORIZATION - STATEMENT OF EXPERIENCE

FIRST NAME: _____ LAST NAME: _____ PHONE (work/cell): _____

LAST 4 DIGITS SOC SEC #: _____ DATE OF BIRTH: _____ Circle one: Male Female

DEPARTMENT: _____ RUA # & PI YOU WORK WITH : SPENCER HARTMAN

STATUS: STUDENT _____ VISITOR _____ EMPLOYEE _____ E-MAIL ADDRESS: _____

A. PREVIOUS EXPERIENCE

Have you had previous experience working with ionizing radiation? Yes _____ No _____

If yes, then indicate the institution, date(s) and type of work.

Institution _____ Date _____ Type of work: _____

Address: _____

Institution: _____ Date _____ Type of work: _____

Address: _____

B. PREVIOUS DOSIMETRY ISSUANCE

Has an institution(s) issued you radiation dosimetry for the **current calendar year**? yes _____ no _____.

If yes, then indicate the institution, address and duration.

Institution _____ Address _____

City _____ State _____ Zip _____ Duration _____

Are you presently issued dosimetry at another institution? Yes _____ No _____ It is your responsibility to inform EH&S!

Have you ever used a Planned Special Exposure (>5 rem/year)? Yes _____ No _____ If yes, attach statement with details.

C. PLANNED IONIZING RADIATION WORK

List radionuclide(s), experimental quantities, and chemical form.

Radionuclide _____ Quantity _____ Form _____

Radionuclide _____ Quantity _____ Form _____

D. TRAINING

Indicate if you have ever received ionizing radiation safety training.

UC Davis EH&S radiation class lecture or test? Yes _____ No _____ If yes, approximate date _____

List any other radiation safety training you have received:

Topic _____ Location _____ Duration (hrs) _____

I will or have read the appropriate EH&S radiation safety training booklet.

I will or have read the Safety Protocol(s) which correspond with my job assignment for RUA _____.

I have been made aware of the UC Davis Radiation Safety Manual, which contains emergency information.

I will follow the safety procedures necessary to work with radioactive material and minimize my exposure to radiation.

I hereby authorize UC Davis, Environmental Health and Safety/Health Physics to obtain information on the nature and amount of occupational radiation exposure that I received in the past.

Signature: _____ Date: _____

UC DAVIS: CROCKER NUCLEAR LABORATORY

Welcome to Crocker Nuclear Laboratory (CNL). To assure the health and safety of you and others please read and sign this document. Understanding the following information is a condition of your use privileges.

CNL is a controlled area. Access doors must never be propped open. During business hours use the main foyer entrance. To gain entry to CNL after hours, ring the bell located outside the back door. Equipment delivery is permitted at the roll up door.

Visitors under the age of 18 shall always be in the presence of a CNL employee. No one under the age of 3 is allowed within the restricted area.

Depending on the nature and length of your stay, a radiation dosimeter will be issued. The dosimeter should be worn on the shirt collar or torso for whole body monitoring. A finger ring dosimeter may be issued for extremity assessment.

If you are issued a direct reading dosimeter, it must be returned to the cyclotron operator or receptionist at the end of the work shift. If you are issued a thermoluminescent dosimeter, it should be stored on the entrance board when not in use. If for any reason the dosimeter was exposed to excessive radiation, intense heat and/or intense light, notify the receptionist immediately.

Portable radiation survey meters are available in the control room and at the entrances to the research caves.

Emergency off buttons are located inside each entrance to the north and south cave and at strategic locations within the same areas. Use of the buttons prevents or stops production of the cyclotron beam. During cyclotron operation, an audible device located in the main by chimes approximately every three seconds.

Remember, the amount of time, distance from a radiation source, and/or shielding minimize radiation exposure.

Consumption of food and drink at CNL are restricted to the approved clean areas. The clean areas are located at the entrance lobby or the mezzanine landing area.

Please read the following postings, which are located on the bulletin board near the mail boxes:

- CNL Evacuation Plan.
- CNL Emergency Phone Numbers.
- Handling Requirements for Radioactive Material.

The UC Davis Radiation Safety Manual is located in the control room. Section VII details CNL rules and regulations.

If you have a question or concerns do not hesitate to contact the cyclotron operator at (530) 752-4228 or Jeff Ching health physicist at (530) 752-6041. Feedback regarding health and safety is valuable.

I understand the safety information listed above, and the hazards associated with machine produced radiation.

Print Name

Affiliation

Signature

Date