University of California, Santa Barbara   Environmental Health and Safety

APPLICATION FOR AUTHORIZATION TO USE
RADIATION-PRODUCING MACHINES

Date: _____   File No. _____

Please type or print and submit with all enclosures to the Radiation Safety Office at Environmental Health and Safety. Use this form for an initial application or to apply for an amendment to an existing authorization. Submit a completed Statement of Training and Experience form for <u>all</u> personnel in project (form B-12 in Radiation Safety Manual). Please refer to Section 10 of the UCSB Radiation Safety Manual for campus policies and procedures regarding the use of radiation-producing machines.

1. Applicant's Name   Department: Extension:

_____   _____   _____

2. Names of all others in project: Designate if Employee(E), Post Doc.(P), Grad Student(G), or Undergrad.(U)

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

3. [   ]   Check if radiation-producing machine will be used for academic instruction.

    Course Number: _____

4. Location of radiation-producing machine(s) - please state building and room:

_____

5. Brief summary of investigation to be conducted (one or two sentences):

_____

_____

_____

6. Description of radiation-producing equipment to be used:

Type of Unit	Max kV	Max mA	Manufacturer and Model No.	Serial #

7. List radiation monitoring devices available in immediate area:

Manufacturer	Model No.	Serial #

8. Describe built-in safety features of radiation-producing machine(s), such as shielded enclosures, interlocks, fail-safe lights, and key switches. Also include any modifications that have increased or decreased the level of safety.

9. Description of experiment(s): Please provide details indicating how radiation-producing machine(s) will be used. Give procedural controls for radiation safety, including an explanation of how you will maintain positive control over the machine at all times to prevent unauthorized use. Use supplementary pages as necessary.

10. Describe what you consider to be the most serious accident which might occur with this use of radiation-producing machines:

_____   _____

Applicant's Signature   Date