

Boston University  
Department of Physics  
590 Commonwealth Avenue  
Boston, Massachusetts 02215

March 25, 1987

U.S. Nuclear Regulatory Agency  
Nuclear Materials and Safeguards Branch  
Region I  
King of Prussia, Pennsylvania 19406

RECEIVED

Dear Sirs:

I request three amendments to the Boston University, Charles River Campus, broad licence number 20-00805-11.

The first request is to name Ronald Irving Slade as the new Radiation Safety Officer. Assisting me since September, 1986, Mr. Slade has been approved by the Radiation Safety Committee to replace me as Radiation Safety Officer. Enclosed please find a resume of his training and experience.

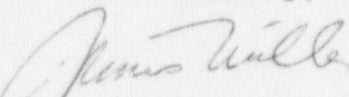
The second request is to amend Condition 10.A. Licenced material is no longer used at 675 Commonwealth Avenue or at 111 Cummington Street. The Department of Chemistry does use licenced material now, however, at the Science Center, 590 Commonwealth Avenue, Boston, Massachusetts.

The third request is described on the enclosed application.

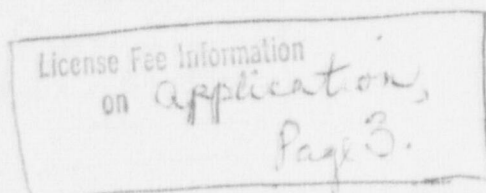
If there are any errors or questions, please write me at the above address or give me a call at (617) 353-2659. Otherwise, please forward all future correspondence to Mr. Slade at Boston University, Safety Office, 25 Buick Street, Boston, Massachusetts, 02215. Or he can be reached at (617) 353-9734.

Thank you in advance for your attention to this matter.

Yours Sincerely,



James Miller  
Associate Professor,  
Radiation Safety Officer



8801040318 870624  
REG1 LIC30  
20-00805-11 PDR

"OFFICIAL RECORD COPY"

ML10 107089

APR 07 1987

**TRAINING AND EXPERIENCE FOR AUTHORIZED USER  
OR RADIATION SAFETY OFFICER AT BOSTON UNIVERSITY**

NAME OF USER OR RADIATION SAFETY OFFICER

DATE

RONALD IRVING SLADE (APPLYING TO BE RSO)

JAN. 20, 1987

**FORMAL TRAINING IN RADIATION SAFETY**

TYPE OF TRAINING*	WHERE TRAINED	DURATION	ON THE JOB	FORMAL COURSE
PRINCIPLES AND PRACTICES OF RADIATION PROTECTION	Boston University School of Public Health	Fall, 1986 (40 Hrs.)		"Radiation Protection" (4 credit)
MEASUREMENT AND MONITORING OF RADIOACTIVITY	Radiation Safety Associates, Inc. (New Britain, CT)	Oct. 6-10, 1986 (40 Hrs.)		"Radiation Safety Officer" (2 credit)
CALCULATIONS BASIC TO USE AND MEASUREMENT OF RADIO- ACTIVITY	Harvard Univ. School of Public Health	Aug. 11-15, 1986 (40 Hrs.)		"Occup. and Environ. Radiation Protection"
BIOLOGICAL EFFECTS OF RADIATION	Harvard Univ. Dept. Envir. Health and Safety	Spring, 1984 (20 Hrs.)		In-House Classes taught by Robert U. Johnson

\*Each type of training listed was provided by one or more of the courses

**EXPERIENCE WITH RADIONUCLIDES**

ISOTOPES	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION	TYPE OF USE
Ra-226 Cs-137 I-129		Harvard University	Nov., 1984- Oct., 1985	each used in calibration of survey instrument

I have calibrated (and made minor repairs to) numerous survey instruments. While my experience actually handling radioisopes is restricted to when performing calibrations, I have learned much about its proper usage through formal training and surveys of laboratories.

My "On the Job" training in radiation safety is described on the attached resume. In addition, at Harvard University (summer, 1986) I taught lectures to support staff on "Radiation Safety in the Workplace".

Ronald Irving Slade  
Boston University Safety Office  
635 Commonwealth Avenue, Room 455  
Boston, Massachusetts 02215  
(617) 353-9734

#### EXPERIENCE

Sep '86 - pres: Assistant Director of Life Safety, Boston University

Assume primary managerial responsibility for radiation safety, chemical laboratory safety and hazardous waste disposal at the Charles River Campus. Supervise Hazardous Chemicals Specialist in these areas of operation.

Oct '85 - Aug '86: Safety Assistant, Harvard Medical Safety Office

Inspect laboratories for electrical and fire safety, safe handling of chemicals, toxic and biological materials and hazardous waste. Manage hazardous waste program for Medical Area. Investigate emergencies presenting potential health hazards. Upgrade and maintain hardware for all computers within the department. Design and implement computer database files.

Mar '84 - Oct '85: Radiation Safety Assistant, Harvard Safety Office

Performed over 7,000 radiation surveys, monitoring radiation levels and checking for compliance with NRC and University regulations. Created and administered numerous computer database files for radiological services.

#### COMPUTER SKILLS

- \* DATABASE: dBASE III Plus, Lotus 1-2-3 and CHEMTOX
- \* COMPUTER LANGUAGE: Pascal, PPL, BASIC and dBASE III
- \* WORD PROCESSING: Word, Multimate and Wordstar
- \* COMMUNICATIONS: Smartcom II and Procomm

#### EDUCATION

1975 - 1979: Dartmouth College, New Hampshire

A.B.: Honors major in psychology  
G.P.A.: 3.7 in major; 3.5 overall  
HONORS: Summa cum laude in major; awarded four academic citations for excellence in research and writing

#### PERSONAL DATA

I am single, 29 years old and in excellent health. My interests include engine repair, carpentry and reading as well as gymnastics and jogging for staying fit.

#### REFERENCES

References available upon request.