

NMSS:JEW
Control No. 60210

30-00875
25-12923-01

Eastern Montana College
ATTN: Gary L. Bintz, Chairman
Department of Natural Sciences
1506 N. 30th Street
Billings, Montana 59101

FEB 13 1985

Gentlemen:

This is in reference to your request for a byproduct material license renewal in the name of Eastern Montana College. In order for us to complete our review of your request, please supply the following:

1. The person who certifies a byproduct material application must be legally authorized to make formal commitments on behalf of Eastern Montana College. Specify if this is the case with Gary L. Bintz. If not, affix the correct signature with a statement indicating that the certifying individual has reviewed the application and concurs with the statements and representations. Note also that all future correspondence, requests for amendments, and renewals should go through the same individual.
2. Personnel (students, lab personnel, housekeeping, security, etc.) whose duties and responsibilities may require them to work in the vicinity of radioactive materials (escorted or not) need to be informed about radiation hazards and appropriate precautions. Amend your renewal application to outline your methods to assure that training prescribed in 10 CFR Part 19.12 will be conducted annually and at hire. Submit to NRC staff for review and approval.
3. Your instructions for working with radioactive materials (Rules for Radioisotope Use) do not address the following important safety concerns:
 - ✓ a. Complete instructions on disposing of radioactive waste in accordance with 20.301, 20.303, and 20.106 of 10 CFR 20.
 - ✓ b. Routine laboratory survey instructions given to students.
 - ✓ c. Safe movement of radioactive material between rooms, halls, or in corridors, if applicable.
 - ? d. Explanation of specific requirements dealing with the storage of radioactive materials, the labeling of containers, and how areas will be identified where radioactive materials are used. Explanation of how contaminated articles and glassware will be handled and stored in this institution.

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- ✓ e. Moratorium on mouth pipetting techniques and the requirement to use remote pipetting devices when using any radioactive materials.

Amend your Rules for Radioisotope Use instructions to reflect these changes and submit for NRC staff review.

4. Provide a copy of emergency instructions to be posted in all laboratory areas where radioactive materials are used. These instructions should: (1) describe immediate action to be taken in order to prevent contamination of personnel and work areas, e.g., turning off the ventilation, evacuation of the areas, containment of the spill; (2) state the telephone numbers of the responsible persons to be notified in case of an emergency; and (3) instruct personnel on appropriate methods for reentering, decontaminating, and recovering facilities that may have been accidentally contaminated.
5. Submit procedures to be followed if radioisotopes will be used in animals to include: (1) a copy of instructions provided to animal caretakers for handling animals, animal wastes, and carcasses; (2) instructions for cleaning and decontaminating animal cages; and (3) procedures for ensuring that animal rooms will be locked or otherwise secured unless attended by authorized users of radioactive material.
6. Provide a description of the routine survey program, including the areas to be surveyed, the types and levels of radiation and contamination considered to be acceptable, and provisions for maintaining records of surveys. The individual user should supplement the surveys performed by the radiation safety staff. Regularly used laboratories should be surveyed for contamination at the end of each workday (except when quantities less than those in Appendix C to 10 CFR Part 20 are handled by an employee at any one time), and the user should maintain records of such surveys in units required by 10 CFR Part 20, even if only a single measurement is necessary.
7. Provide a complete description of specific methods used by the licensee for waste disposal of byproduct material. A licensee may dispose of waste by:
 - a. Transfer to a person properly licensed to receive such waste, e.g., commercial waste disposal firm (see Section 20.301 of 10 CFR Part 20).
 - b. Release into a sanitary sewer in conformance with Section 20.303 of 10 CFR Part 20.
 - c. Release into the air in conformance with Section 20.106 of 10 CFR Part 20.

- d. Other methods specifically approved by the NRC pursuant to Section 20.302 of 10 CFR Part 20.
 - e. Disposal of specific waste in accordance with 20.306 of 10 CFR Part 20.
8. If you intend to contract out the calibration of your radiation survey and monitoring instruments, you should specify the name, address, and the license number of the firm. You should contact the firm that will provide the calibration to determine if information concerning calibration procedures has been filed with the Commission if you should obtain information concerning calibration procedures and submit it to this office.

We will continue our review of your application upon receipt of this information. Please reply in duplicate and refer to Control No. 60210.

Sincerely,

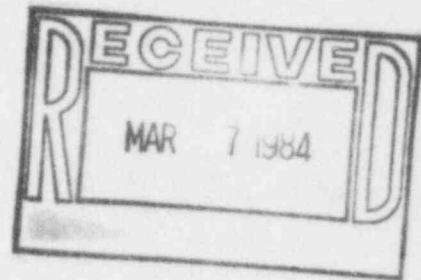
Original Signed By
Jack E. Whitten
Jack E. Whitten
Nuclear Materials Safety Section

Enclosure:
Regulatory Guide 10.2



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76011



BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

R. J. Everett, Chief
Material Radiation Protection Section, TPB,
DV&TP, RIV

LICENSEE FEE TRANSMITTAL

A. REGION *IV*

1. APPLICATION ATTACHED

Applicant/Licensee:

Eastern Montana College

Application Dated:

February 22, 1984

Control No.:

60210

License No.:

25-12923-01 (030-00875)

2. FEE ATTACHED

Amount:

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Check No.:

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3/31/84
EX
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3. COMMENTS

Signed

Laura Hurling

Date

February 28, 1984

B. LICENSEE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

See EX -

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

Amendment

Renewal

✓

License

Signed

to Jackson

Date

3/2/84