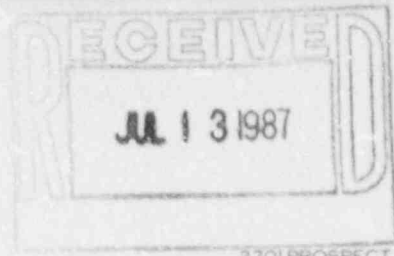


DEPARTMENT OF HIGHWAYS



TED SCHWINDEN, GOVERNOR

STATE OF MONTANA

2701 PROSPECT

HELENA, MONTANA 59620

July 9, 1987

Mr. Jerry Everett, Chief  
Material Radiation Protection Section  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011

REQUEST FOR PERMISSION TO POSSESS  
SEALED SOURCES

NRC LICENSE #25-11498-01

The Materials Bureau of the Montana Department of Highways is in the process of acquiring wipe-test assay equipment from Ludlum Instruments. Until last month, the assays had been performed by Mr. Larry Lloyd, Chief of the Occupational Health Bureau, Montana Department of Health and Environmental Sciences. Beginning in July and continuing until we are equipped and certified to perform our own assays, the Troxler Electronic Laboratories shall perform the assays for us.

Our equipment will be calibrated by two sealed sources manufactured by TMA/Eberline - one of CS 137, Model #CS7B Special, and one of AM 241, Model #DNS5 Special. Neither of these sources shall exceed 5 micro Curies in total activity. Each shall be in disc form, electroplated, and approximately 1 inch in diameter. The Materials Bureau hereby requests written authorization to possess these sources so that we may allow TMA/Eberline to ship them to us. These sources shall be handled and stored according to the provisions of license #25-11498-01.

When the equipment and sources have arrived, Mr. Larry Lloyd will present an 8-hour course on wipe-test assay to Mr. Joseph Liuzza and Mr. Boyd Bomar. Topics covered will be set-up, calibration, operation, activity calculations,

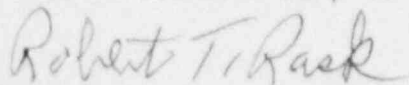
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REG4 LIC30  
25-11498-01 PDR

AN EQUAL OPPORTUNITY EMPLOYER

461576

Jerry Everett  
July 9, 1987  
Page 2

and quality assurance. We will also discuss record keeping and reporting procedures. Immediately thereafter an application for amendment to our NRC license will be filed in which we will request authorization to perform our own wipe-test assays. Included in the application will be a description of the equipment, calibration sources, and all pertinent specifications, a step-by-step procedure for performing the assays, sample calculations for converting our data to microcuries of activity, and the names and qualifications of those who will perform the assays. Those named to perform the tests shall be experienced in making quantitative measurements and documentation to that effect will be provided.



ROBERT T. RASK, CHIEF  
MATERIALS BUREAU

RTR:JPL:lrk:1:vv

cc: R. T. Rask  
S. L. Herzog  
J. P. Liuzza



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76011

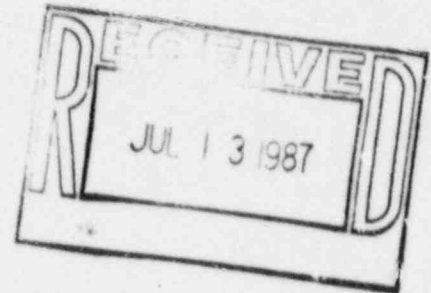
0300 5179

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3/89

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:

Application Dated:

Control No.:

License No.:

Montana, State of  
6/30/87  
461576  
(030-05179) 25-11498-01

2. FEE ATTACHED

Amount:

Check No.:

Σ

3. COMMENTS

Signed

Date

Laura Durley  
7/7/87

B. LICENSEE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

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

Amendment ☒

Renewal ☐

License ☐

EX 3P

FEE EXPT

170.1K499, State

Signed

Date

M. Murrell  
7/9/87