

OCT 30 1981

FCMLB:JBC
(04426)
030-11243

Mobil Research and Development Corporation
ATTN: T. O. Mitchell
Administrative Coordinator
P.O. Box 1025
Princeton, NJ 08540

Gentlemen:

This refers to your letter, dated September 21, 1981, in reference to your application for renewal of License No. 29-00505-15. While your letter provided us with additional information, we will need more detailed answers with regard to the following:

1. Use of Licensed Material.

The most recent correspondence we have in our files, concerning your specific use of licensed material, is your 1975 application. In this application you described your use of byproduct material as research involving hydrocarbon fuels. Please describe any changes that might have occurred in your program or with your use of licensed material. If no changes have occurred, please indicate.

2. Instrument Calibration Procedures.

Please provide the step-by-step procedures to be followed for calibration of your radiation survey instruments. We recommend that survey instruments be calibrated at least every 6 months. This should be a two-point calibration of each scale, with the two points separated by at least 50 percent of the full scale. You should also provide information concerning the name of the manufacturer, the model number, nuclide, quantity, and accuracy of the source to be used in performing calibrations. Please refer to Items 10 and 11 of enclosed Regulatory Guide 10.7 for more information. Note that an adequate calibration of survey instruments usually cannot be performed with built-in check sources.

3. Instructions To Personnel.

Although your letter shows that you have good radiation safety practices, we will also need more complete information on instructions you provide to personnel concerning the following:

a. Picking up, receiving and opening packages.

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b. Emergency procedures.

Please refer to Item 15.d.(1-14) of Regulatory Guide 10.7 for more information.

Our review of your application will continue upon receipt of the above information. Please reply in duplicate and reference Mail Control No. 04426.

Sincerely,

J. Bruce Carrico
Material Licensing Branch
Division of Fuel Cycle and
Material Safety

Enclosure: Regulatory Guide 10.7

OFFICE	CRESS	FCMLB	FCMLB				
IRNAME	265253	JBC	JBC				
DATE	10/28/81	JBCarrico:mdr JHickey	JBCarrico:mdr JHickey				
	10/29/81	10/29/81	10/29/81				