

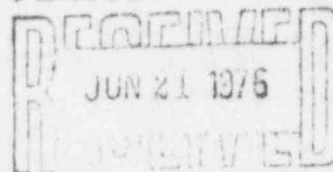


UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20545

FCMS:RLB:JMB
(00709)

JUN 16 1976

PEABODY COAL CO.



CUSTOMER TECHNICAL
SERVICES DEPARTMENT

Peabody Coal Company
ATTN: Mr. Pete Bacchetti
301 North Memorial Drive
St. Louis, Missouri 63102

Gentlemen:

Your application dated April 28, 1976, for a special nuclear material license to possess and use a Sortex Phase IIIA coal ash analyzer should be supported with the following information:

1. Specification of applicant as specified under Section 70.22 of 10 CFR Part 70. Please see Item IV, Section A, page 3 of the enclosed guide, GUIDE FOR PREPARATION OF APPLICATIONS FOR SPECIAL NUCLEAR MATERIAL LICENSES OF LESS THAN CRITICAL MASS QUANTITIES, dated 1975.
2. Your means of disposal of the sources in the event it should become necessary. Please see Subitem 4, page 14 of the guide.
3. Your means of performing the required six (6) month leak testing of the sealed sources. See Item 7, page 16 of the guide.
4. Names of persons (including training to be provided to them) who will be responsible for the day to day operation of the device if other than Mr. Bacchetti, Mr. Jack Ellis or Mr. Joe Johnson, the installers of the device.
5. Your emergency and decontamination procedures. See Subitem 8, page 18 of the guide.


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Peabody Coal Company

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We will continue our review of your application promptly upon receipt of the requested information. Please reference Control No. 00709 in your reply.

Sincerely,


J. M. Brown, Jr.
Radioisotopes Licensing Branch
Division of Fuel Cycle and
Material Safety

Enclosures:

1. Guide as stated
2. 10 CFR 19, 20, 30
and 70