

EMERALD COAL RESOURCES, LP

2071 Garards Fort Road, P.O. Box 871
Waynesburg, PA 15370

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REGION 1

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January 19, 2005

Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
U.S. NRC Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03029740

Re: License No: 37-20567-02, Amendment No. 06

Emerald Coal Resources, LP would like to amend its Radioactive Material License No. 37-20567-02, Amendment No. 06 to add the new Sabia On-belt analyzer, Model XC-5000, Serial Number 0204-600289-0005.

The requests are as follows.

1. To add :

- A. 1 each - SABIA XC-5000-series – 25 On-belt Analyzer's for the elemental analysis of coal.
- B. Radioisotope- CF-252 for this unit
- C. Form of material – Sealed Sources Frontier Technology Corporation Models 100 and 100S, AEA Technology Inc. Models: CVN. CN2, CVN. CY6, CVN.5, CVN 6, CVN. 10, CVN. 11, CVN-CY6.
- D. Maximum activity: 10 sources not to exceed 13.5 mCi total.
- E. 9 mCi for storage capability during source exchange.

2. To amend its current Operating and Emergency procedures to reflect the addition of the Sabia On-Belt Analyzer and Sabia support.
A copy of emergency procedures is attached.

Signed



Douglas A. Montgomery, RSO
Sr. Preparation Engineer
Emerald Coal Resources, LP
212 Mine Road
Rt. 218 South
Box 871
Waynesburg, PA 15370

Phone 724-852-5758
FAX 724-852-5868

136348

An affiliate of
FOUNDATION COAL

NMSS/RGNI MATERIALS-002

**EMERGENCY PROCEDURES
for
DEVICES CONTAINING NUCLEAR SOURCES**

Emergency procedures in case of an accident involving a device containing a nuclear source or in the event of damage to the source or source shielding.

Secure the area immediately:

Rope off the area around the device using DANGER DO NOT ENTER tape and rope. (50 feet in all directions)

Notify Radiation Safety Officer Immediately:

Doug Montgomery
Emerald RSO

Work - (724) 852-5758
Home- [REDACTED]

Terry Dayton
Environmental Engineer

Work- (724) 627-2219
Home- [REDACTED]

The Radiation Safety Officer will notify the device manufacturer. The device manufacturer will come to the site and assess the danger from or damage to the source.

The Radiation Safety Officer will notify the NRC within 24 hours of any theft, accident or incident involving the gauge.

Nuclear gauges present no major health dangers if basic precautions are taken and common sense used. By following proper procedures and principals of radiation protection, and by helping others to do likewise, you can feel comfortable and assured that your workplace is a safe one.

Copies of the following documents are available for employee review in the Environmental Engineers office.

CFR 10, 19, 20, 21
License # 37-20567-02
Section 206 of Energy Operating and
Emergency Reorganization Act of 1974

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

This is to acknowledge the receipt of your letter/application dated

1/19/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMON. 37-20567-02
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 136348.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (R)
(6-96)

Sincerely,
Licensing Assistance Team Leader

License Fee Management Branch, ARM
and
Regional Licensing Sections

LICENSE FEE TRANSMITTAL

A. REGION

Applicant/Licensee: EMERALD COAL RESOURCES, LP
Received Date: 20050124
Docket No: 3029740
Control No.: 136348
License No.: 37-20567-02
Action Type: Amendment

Amount:

Check No. :

Signed

Date

1. Fee Category and Amount: _____

Amendment

Renewal

License

3. OTHER

Signed

Date