GMON COAL COMPANY, INC.

Jericol Mining, Inc.

HOLMES MILL, KENTUCKY 40843

August 22, 1997

Earl Wright
Senior License Reviewer
Division of Nuclear Materials Safety

RE: MATERIAL LICENSE APPLICATION
No. 257509; 030-34475

Mr. Wright:

Per your request, listed below are answers to your questions concerning application for a license to use a coal scan model 3500 coal fines alalyzer at Sigmon Preparation Plant:

1. Records will be maintained in preparation plant office. Location: 11 miles East of Pennington Gap, Va., on state route 606. Coal Scan device is located on #1 stacker tube in clean coal storage pile at unit train load-out.
2. Scan Technologies, 2915 Courtyards Drive, Suite B, Norcross, Georgia 30071. License # GA 1299-1 Amendemnt .03
3. Leak test procedures attached.
4. Scan Technologies, 2915 Courtyards Drive, Suite B, Norcross, Georgia 30071, will train all personnel who use coal analyzer. Alalyzer is so designed and guarded that unauthorized persons should have no reasonable access.
5. The Coal Scan analyzer is located at the end of a two hundred feet walk way, leading to a tower sixty feet above the ground. It is inside a metal building. The building has open grate flooring and ventilator fan so high temperature or explosive gas will be exhausted. Fine coal dust will be cleaned on a regular schedule.
6. Lock the source shutter with tab provided. Lock all control cabinets.
7. Doug Shackleford. He was given Scan Technologies short course in radiation safety, June 9, 1989. He has eight years experience with Coal Scan device and twenty years experience as preparation plant forman.

SCANTECHNOLOGIES

Scan Technologies, Inc.
2915 Courtyards Drive, Suite B
Norcross, Georgia 30071
Phone: 404/447-8008
Fax: 404/447-8038

ATTACHMENT FOR ANSWER NO. 3

WIPE TEST INSTRUCTIONS

1. Read the Operator's Manual for the device carefully to become familiar with the operating characteristics.

2. After donning the glove, take a cotton swab and rub the area of the source housing indicated on the enclosed diagram, covering the entire area thoroughly. After completing the wipe, place the swab into the 4" x 6" plastic bag.

3. Remove the glove by pulling on the gauntlet, inverting it as it is removed. Place the glove in the plastic bag with the cotton swab.

4. Seal the 4" x 6" plastic bag and complete the data sheet including date and time of test, name of person performing the test, and any comments deemed pertinent. Place the data sheet and the sealed 4" x 6" bag inside the 6" x 8" bag and seal that as well.

5. Mail the sealed plastic bag to **Scan Technologies, Inc.** as soon as possible. Include only one plastic bag and data sheet in each mailing packet.

Scan Technologies, Inc. will measure the radioactivity of the swab and report within five days the results of the measurement.

It is the responsibility of the purchaser of the licensed device to maintain records of leak test results. **Scan Technologies, Inc.** recommends that the results be recorded on the page provided in the device Operator's Manual. If several such devices are owned, the appropriate pages can be kept together in a common file.

#7

COALSCAN

Douglas Shackelford

has successfully completed the
Short Course in Radiation Safety
for COALSCAN Users

Jan 9, 19 84

Vice President, Technology

If you have questions about this letter or your license, please call me at 404/562-4724 (FAX: 404/562-4955).

Sincerely,

8/21/97

Senior License Reviewer
Division of Nuclear Materials Safety

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