

REPLACEMENT  
COVER



CONSOL ENERGY

# FAX TRANSMISSION *MS16*

## CONSOL ENERGY INC. *P-3*

### CNX SERVICES

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*45-17651-01*  
*03013126*

To: KATHLEEN D. MODES Case No.: 138492	Date: March 13, 2006
Company/Dept.: NRC	Phone/Fax No.: (610) 337-5251 / (610) 337-5269

From: Ed Asbury	Phone/Ext. No.: (276) 988-1038
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Kathy;
Following is the correct leak this results for Serial Number 17926. Also, following are the leak test results for Serial Nos. 5716, 6091 & 4843 taken within six months of their transfer to Troxler for disposal. The acknowledgment letter from Troxler for receipt of Serial Nos. 5716, 6091 & 4843 also follows. If you have any further questions, please call me.
Thanks,
Ed Asbury

No. of pages including this cover sheet: 6  
Hard copy to be mailed: Yes      No X

*138492*  
NMCS/RGN MATERIALS-002



**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057  
 Research Triangle Park, NC 27709  
 Tel: (877) 876-9537 Fax: (919) 485-2250

License: NC 032-0182-1

**LEAK TEST CERTIFICATE**

**DEVICE:**

Model: 3440 Serial No: 17926

**SEALED SOURCES:**

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
50-7412	9/21/1989	CS-137	0.296	8
47-13367	9/5/1989	AM-241:BE	1.48	40

**LEAK TEST ANALYSIS:**

Sample collected on: 02/08/2006

Sample analyzed on: 02/09/2006 at 11:12:00 AM

Analyzed by: C. Ekwuribe

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.28E+01	2.04E+01
Background measurement (cpm)	1	28
Sample measurement (cpm)	0	23
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.1E-01	1.3E+00

This certifies that the above leak test results are:

- Less than 185 Bq (0.005 uCi)  Greater than 185 Bq (0.005 uCi)

If greater than 185 Bq (0.005 uCi):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_



## Troloxer Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O.Box 12057

Research Triangle Park, NC 27709

Tel: (919) 549-8661 Fax: (919) 549-0761

License: NC 032-0182-1

## LEAK TEST CERTIFICATE

## DEVICE:

Model: 3411

Serial No: 4843

Sample Date: 11-4-99

## SEALED SOURCES:

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCi)
CS-137	40 - 1821	8.6	5.1
AM-241:BE	47 - 869	40.0	38.6

## LEAK TEST ANALYSIS:

The sample has been analyzed using a counting system capable of measuring beta, gamma, and alpha contamination.

Date of last calibration: 5/24/99

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.55E+05
Background measurement (cpm)	0	22
Sample measurement (cpm)	0	31
Activity (uCi)	< MDA	1.1E-05
Min. Detectable Activity (uCi)	5.8E-06	9.9E-06

This certifies that the above leak test results are:

 Less than 0.005 uCi (185 Bq) Greater than 0.005 uCi (185 Bq)

Measurement Date: 11/9/99

Certified by: Guy Wells

If greater than 0.005 uCi (185 Bq):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O.Box 12057

Research Triangle Park, NC 27709

Tel: (919) 549-8661 Fax: (919) 549-0761

License: NC 032-0182-1

LEAK TEST CERTIFICATE

DEVICE:

Model: 3411 Serial No: 6091 Sample Date: 12-2-99

SEALED SOURCES:

Table with 4 columns: NUCLIDE, SERIAL NO., INITIAL ACTIVITY (mCi), CURRENT ACTIVITY (mCi). Rows include CS-137 and AM-241:BE.

LEAK TEST ANALYSIS:

The sample has been analyzed using a counting system capable of measuring beta, gamma, and alpha contamination.

Date of last calibration: 11/22/99

Table with 3 columns: Conversion factor (cpm/uCi), ALPHA, BETA-GAMMA. Rows include Background measurement, Sample measurement, Activity (uCi), and Min. Detectable Activity (uCi).

This certifies that the above leak test results are:

[X] Less than 0.005 uCi (185 Bq) [ ] Greater than 0.005 uCi (185 Bq)

Measurement Date: 12/10/99 Certified by: [Signature]

Form with fields: If greater than 0.005 uCi (185 Bq): Person Notified, Date, Phone, and/or Fax.



**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O.Box 12057

Research Triangle Park, NC 27709

Tel: (919) 549-8661 Fax: (919) 549-0761

License: NC 032-0182-1

**LEAK TEST CERTIFICATE**

**DEVICE:**

Model: 3411 Serial No: 5716 Sample Date: 12-2-99

**SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCi)
CS-137	40 - 2719	8.4	5.2
AM-241:BE	47 - 1767	40.0	38.6

**LEAK TEST ANALYSIS:**

The sample has been analyzed using a counting system capable of measuring beta, gamma, and alpha contamination.

Date of last calibration: 11/22/99

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.64E+05	7.55E+05
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	28
Activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCi)	7.2E-06	1.0E-05

This certifies that the above leak test results are:

Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)

Measurement Date: 12/10/99 Certified by: Greg Wells

If greater than 0.005 uCi (185 Bq):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_



March 2, 2000

Consolidated Coal of Kentucky  
Attn: Ed Asbury  
PO Box 1289  
Bluefield, VA 24605

Mr. Asbury,

This is to acknowledge receipt of the below-referenced nuclear gauge under North Carolina Radioactive Materials License #032-0182-1. You should retain this letter in your files to document transfer of the gauge.

Model: 3411                      S/N: 5716, 6091, 4843                      RECEIVED: March 2, 2000

Any questions may be directed to me at (919) 485-2244

Sincerely,

Linda Farrell  
Service Department Clerk

**TROXLER ELECTRONIC LABORATORIES, INC.**  
P.O. Box 12057, Research Triangle Park, NC 27709  
Telephone: 919-549-8661 Fax: 919-549-0761