

Cabot Performance Materials
County Line Road
Boyertown, PA 19512

facsimile transmittal

To: Eric Reber Fax: 610-337-5393
From: Tim Knapp Date: 09/25/01
Re: Air data Pages: 10
CC:

Urgent X For Review Please Comment Please Reply Please Recycle

Eric,
Here is the data from COMPLY. This is for 1999, 2000, and year to date 2001. Just a reminder that the effective AEC in my spreadsheets already accounts for the 10 mrem or 20% of the Table 2 effective AEC. Therefore in my summary table the fraction of the AEC relates to the concentration that would result in a dose of 10 mrem. With this in mind I don't believe there is a requirement to run COMPLY.

I think this and the Hehl letter address the questions to date. Let me know if you need anything else to wrap up the inspection report.

Tim K

COMPLY: V1.5d.

9/24/ 1 2:50

40 CFR Part 61
National Emission Standards
for Hazardous Air Pollutants

REPORT ON COMPLIANCE WITH
THE CLEAN AIR ACT LIMITS FOR RADIONUCLIDE EMISSIONS
FROM THE COMPLY CODE, VERSION 1.5d

Prepared by:

Cabot Performance Materials
County Line Road
Boyertown, PA 19512

Tim Knapp, RSO
610-369-8520

Prepared for:

U.S. Environmental Protection Agency
Office of Radiation Programs
Washington, D.C. 20460

COMPLY: V1.5d.

9/24/ 1 2:50

2001 Air Effluents for Sampling Location : Boiler House

SCREENING LEVEL 1

DATA ENTERED:

Effluent concentration limits used.

Nuclide	CONCENTRATION (curies/cu m)
TH-232	1.94E-17
U-238	1.88E-16

NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

*** Comply at level 1.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****

COMPLY: V1.5d.

9/24/ 1 2:54

2001 Air Effluents for Sampling Location: County Line Road

SCREENING LEVEL 1

DATA ENTERED:

Effluent concentration limits used.

Nuclide	CONCENTRATION (curies/cu m)
TH-232	7.22E-17
U-238	1.88E-16

NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

*** Comply at level 1.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****

COMPLY: V1.5d.

9/24/ 1 2:26

40 CFR Part 61
National Emission Standards
for Hazardous Air Pollutants

REPORT ON COMPLIANCE WITH
THE CLEAN AIR ACT LIMITS FOR RADIONUCLIDE EMISSIONS
FROM THE COMPLY CODE, VERSION 1.5d

Prepared by:

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COMPLY: V1.5d.

9/24/ 1 2:26

2000 Air Effluents for Sampling Location : Boiler House

SCREENING LEVEL 1

DATA ENTERED:

Effluent concentration limits used.

Nuclide	CONCENTRATION (curies/cu m)
TH-232	1.77E-17
U-238	6.77E-17

NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

*** Comply at level 1.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****

COMPLY: VI.5d.

9/24/ 1 2:29

2000 Air Effluents for Sampling Location: County Line Road

SCREENING LEVEL 1

DATA ENTERED:

Effluent concentration limits used.

Nuclide	CONCENTRATION (curies/cu m)
TH-232	2.22E-17
U-238	9.56E-17

NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

*** Comply at level 1.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****

COMPLY: V1.5d.

9/24/ 1 3:07

40 CFR Part 61
National Emission Standards
for Hazardous Air Pollutants

REPORT ON COMPLIANCE WITH
THE CLEAN AIR ACT LIMITS FOR RADIONUCLIDE EMISSIONS
FROM THE COMPLY CODE, VERSION 1.5d

Prepared by:

Cabot Performance Materials
County Line Road
Boyertown, PA 19512

Tim Knapp, RSO
610-369-8520

Prepared for:

U.S. Environmental Protection Agency
Office of Radiation Programs
Washington, D.C. 20460

COMPLY: V1.5d.

9/24/ 1 3:07

1999 Air Effluents for Sampling Location: County Line Road

SCREENING LEVEL 1

DATA ENTERED:

Effluent concentration limits used.

Nuclide	CONCENTRATION (curies/cu m)
TH-232	7.50E-17
U-238	9.39E-17

NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

*** Comply at level 1.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****

COMPLY: V1.5d.

9/24/1 3:11

Air Effluents For Sampling Location: Boiler House

SCREENING LEVEL 1

DATA ENTERED:

Effluent concentration limits used.

Nuclide	CONCENTRATION (curies/cu m)
TH-232	6.50E-17
U-238	2.63E-17

NOTES:

Input parameters outside the "normal" range:

None.

RESULTS:

*** Comply at level 1.

This facility is in COMPLIANCE.

It may or may not be EXEMPT from reporting to the EPA.

You may contact your regional EPA office for more information.

***** END OF COMPLIANCE REPORT *****