

Title V Operating Permit SEMI-ANNUAL MONITORING REPORT

(Due each September 30 and March 31)

Part 1M - Facility Information and Certification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: January 1, 2004 End Date: June 30, 2004

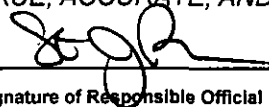
	Responsible Official	Permit Contact Person
Name	Steven J. Brewer	Richard L. Arnold
Title	Vice President Supply	Supervising Chemist
Mailing Address	7215 Navajo Street, Council Bluffs, IA 51501	6001 State Street Bettendorf, Iowa 52722
Phone Number	712/366-5303	563/333-8501

Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual report, Compliance Certification, Emissions Inventory, etc)? **Yes** **No**
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit] (Form 1.0 has been submitted.)

Please mail a signed copy of this report to **each** of these offices: **DNR Air Quality Bureau** ; and **DNR Field Office** (or **local air program office**) .
Please check the appropriate box above to indicate the addressee for each copy submitted. You can find the office addresses in the DNR Instructions and at the end of your Title V Permit.

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS [As required by 567 IAC 22.107(4)]. The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE."



Signature of Responsible Official

Steven J. Brewer

Print Name of Responsible Official

Vice President Supply

Title of Responsible Official

9/13/2004

Date Signed

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SEP 27 2004

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 2M - Deviation Verification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: January 1, 2004 End Date: June 30, 2004

Question	Response (Yes or No)
Did your facility have <u>any</u> monitoring deviations from the Title V Permit requirements* during this reporting period?	No <input type="checkbox"/> Complete Part 1M and 2M <u>only</u> . Yes <input checked="" type="checkbox"/> Complete Parts 1M, 2M, 3M, and/or 4M See DNR Instructions, and Parts 3M and 4M, for details on reporting deviations.

***Required monitoring may include:** Recordkeeping requirements, source (stack) testing, continuous emissions monitoring systems (CEMS), continuous opacity monitoring systems (COMS), observations for no visible emissions, Method 9 visual emissions (opacity) observations, and operation and maintenance (O&M) plans. See **DNR Instructions** for details on possible deviations from required monitoring

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 3M – Monitoring Deviation Report

This form, or the equivalent information, is required only if monitoring deviations occurred during the reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period Start Date: January 1, 2004 End Date: June 30, 2004

You may be able to use Part 4M to report some or all of your monitoring deviations. Please see DNR Instructions, and Part 4M, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Monitoring Method	(5) Monitoring Deviation Description	(6) Deviation Date	(7) Deviation Duration	(8) Suspected Cause of Deviation	(9) Corrective Action Taken
				No deviations to report on Part 3.				

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 1.]

*Monitoring Method Abbreviations: Recordkeeping Requirements (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 4M – Additional Monitoring Reports Summary

This form is optional. Use this form to reference other monitoring deviation reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period Start Date: January 1, 2004 End Date: June 30, 2004

If you use this form to note monitoring deviations, please complete the table below to summarize other reports submitted to the DNR Air Quality Bureau (or the Linn or Polk county air program office, if applicable) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 3M for each monitoring deviation. If these reports do not contain this information, you must use Part 3M to report the deviation(s).

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boilers	001,002 003	Quarterly COMS Reports – 567 IAC 25.1	04/06/04 07/13/04
Utility Boiler	001	Quarterly CEMS Reports – 40 CFR 75	04/07/04 07/14/04

Attach additional pages, if needed. [If more than one page is submitted, indicate Page 1 of 1]

*Other monitoring deviation reports submitted to AQB may include, but are not limited to, the following:

- ◆ CEMS and/or COMS reports;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements



MidAmerican Energy Company
 401 Douglas Street
 P. O. Box 778
 Sioux City, Iowa 51102
 712 277-7500 Telephone

March 24, 2004

Ms. Catharine Fitzsimmons
 Chief, Air Quality Bureau
 Iowa Department of Natural Resources
 7900 Hickman Road, Suite #1
 Urbandale, Iowa 50322

Re: 2003 Semi-Annual Monitoring Report

Dear Ms. Fitzsimmons:

Enclosed within this submittal are Semi-Annual Monitoring reports for the period July 1 - December 31, 2003, as required by the Title V permits for the following MidAmerican Energy Company generating facilities: Council Bluffs Energy Center: #97-TV-001, George Neal North: #97-TV-002, George Neal South: #97-TV-003, Louisa Generating Station: #98-TV-029 and Riverside Generating Station: #98-TV-004. ✓

The reports for Coralville Combustion Turbines: #00-TV-015, Electriform Combustion Turbines: #99-TV-034, Merl Parr Combustion Turbines: #98-TV-033, Pleasant Hill Combustion Turbines: #97-TV-006, River Hills Combustion Turbines: #97-TV-015, Sycamore Combustion Turbines: #97-TV-014, Knoxville Power Station: #01-TV-028, Shenandoah Power Station: #01-TV-024, and Waterloo Lundquist Power Station: #01-TV-027 are included on the Annual Compliance Certification reports.

If you have any questions regarding this submittal, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Donald E. Mohning".

Donald E. Mohning
 Senior Environmental Coordinator
 712/277-7461

Enclosures:

cc: J. L. Alexander	C. S. Woollums
G. E. Kruempel	S. C. Guyer
B. J. Mundt	C. E. Parker
D. M. Ralston	IDNR Field Office w/enclosure
R. E. Unser	Polk County Public Works Dept. w/enclosure

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 MAR 25 2004

**Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT**

(Due each September 30 and March 31)

Part 1M - Facility Information and Certification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: July 1, 2003 End Date: December 31, 2003

	Responsible Official	Permit Contact Person
Name	Jack L. Alexander	Richard L. Arnold
Title	Senior Vice President Supply and Marketing	Supervising Chemist
Mailing Address	666 Grand Avenue P.O. Box 657 Des Moines, Iowa 50303	6001 State Street Bettendorf, Iowa 52722
Phone Number	515/242-4044	563/333-8501

Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual report, Compliance Certification, Emissions Inventory, etc)? **Yes** **No**
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit]

Please mail a signed copy of this report to **each** of these offices: **DNR Air Quality Bureau** ; and **DNR Field Office** (or local air program office) .

Please **check** the appropriate box above to indicate the **addressee** for each copy submitted. You can find the office addresses in the **DNR Instructions** and at the end of your Title V Permit.

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS [As required by 567 IAC 22.107(4)]. The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE."


Signature of Responsible Official

Jack L. Alexander
Print Name of Responsible Official

Senior Vice President Supply and Marketing
Title of Responsible Official

03/09/04
Date Signed

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MAR 25 2004

**Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM**

(Due each September 30 and March 31)

Part 2M - Deviation Verification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: July 1, 2003 End Date: December 31, 2003

Question	Response (Yes or No)
Did your facility have <u>any</u> monitoring deviations from the Title V Permit requirements* during this reporting period?	No <input type="checkbox"/> Complete Part 1M and 2M <u>only</u> . Yes <input checked="" type="checkbox"/> Complete Parts 1M, 2M, 3M, and/or 4M See DNR Instructions, and Parts 3M and 4M, for details on reporting deviations.

***Required monitoring may include:** Recordkeeping requirements, source (stack) testing, continuous emissions monitoring systems (CEMS), continuous opacity monitoring systems (COMS), observations for no visible emissions, Method 9 visual emissions (opacity) observations, and operation and maintenance (O&M) plans. See **DNR Instructions** for details on possible deviations from required monitoring

**Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM**
(Due each September 30 and March 31)

Part 3M – Monitoring Deviation Report

This form, or the equivalent information, is required only if monitoring deviations occurred during the reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: July 1, 2003 End Date: December 31, 2003

You may be able to use Part 4M to report some or all of your monitoring deviations. Please see DNR Instructions, and Part 4M, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Monitoring Method	(5) Monitoring Deviation Description	(6) Deviation Date	(7) Deviation Duration	(8) Suspected Cause of Deviation	(9) Corrective Action Taken
				Nothing to report on Part 3M.				

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 1.]

*Monitoring Method Abbreviations: Recordkeeping Requirements (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 4M – Additional Monitoring Reports Summary
This form is optional. Use this form to reference other monitoring deviation reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: July 1, 2003 End Date: December 31, 2003

If you use this form to note monitoring deviations, please complete the table below to summarize other reports submitted to the DNR Air Quality Bureau (or the Linn or Polk county air program office, if applicable) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 3M for each monitoring deviation. If these reports do not contain this information, you must use Part 3M to report the deviation(s).

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boilers	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	10/17/03 01/19/04
Utility Boiler	001	Quarterly CEMS Reports - 40 CFR 75	10/29/03 01/08/04

Attach additional pages, if needed. [If more than one page is submitted, indicate Page_1__ of __1__]

*Other monitoring deviation reports submitted to AQB may include, but are not limited to, the following:

- ◆ CEMS and/or COMS reports;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements



MidAmerican Energy Company
 401 Douglas Street
 P. O. Box 778
 Sioux City, Iowa 51102
 712 277-7500 Telephone

March 24, 2004

Ms. Catharine Fitzsimmons
 Chief, Air Quality Bureau
 Iowa Department of Natural Resources
 7900 Hickman Road, Suite #1
 Urbandale, Iowa 50322

Re: 2003 Annual Compliance Certification Report

Dear Ms. Fitzsimmons:

Enclosed within this submittal are Annual Compliance Certification reports for the period January 1 - December 31, 2003, as required by the Title V permits for the following MidAmerican Energy Company generating facilities:

Coralville Combustion Turbines: #00-TV-015	Pleasant Hill Combustion Turbines: #97-TV-006
Council Bluffs Energy Center: #97-TV-001	River Hills Combustion Turbines: #97-TV-015
Electrifarm Combustion Turbines: #99-TV-034	Riverside Generating Station: #98-TV-004
George Neal North: #97-TV-002	Sycamore Combustion Turbines: #97-TV-014
George Neal South: #97-TV-003	Knoxville Power Station: #01-TV-028
Louisa Generating Station: #98-TV-029	Shenandoah Power Station: #01-TV-024
Merl Parr Combustion Turbines: #98-TV-033	Waterloo Lundquist Power Station: #01-TV-027

If you have any questions regarding this submittal, please feel free to contact me at 712/277-7461.

Sincerely,

A handwritten signature in cursive script that reads "Donald E. Mohning".

Donald E. Mohning
 Senior Environmental Coordinator

RECEIVED

MAR 25 2004

Enclosures:

cc: J. L. Alexander C. S. Woollums EPA Region 7 w/enclosure
 G. E. Kruempel S. C. Guyer
 B. J. Mundt C. E. Parker
 D. M. Ralston IDNR Field Office w/enclosure
 R. E. Unser Polk County Public Works Dept. w/enclosure

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 1C - Facility Information and Certification

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.)

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: January 1, 2003 End Date: December 31, 2003

	Responsible Official	Permit Contact Person
Name	Jack L. Alexander	Richard L. Arnold
Title	Senior Vice President Supply and Marketing	Supervising Chemist
Mailing Address	666 Grand Avenue P.O. Box 657 Des Moines, Iowa 50303	6001 State Street Bettendorf, Iowa 52722
Phone Number	515/242-4044	563/333-8501

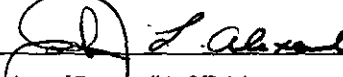
Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual Monitoring Report, Annual Emissions Inventory, etc)? Yes No
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit]

Are you submitting this Annual Compliance Certification to also fulfill the reporting requirements for the **Title V Semi-Annual Monitoring Report**? Yes No
*[If "No," by **March 31**, you must submit a separate Semi-Annual Monitoring Report. Remember that a Semi-Annual Monitoring Report is also due by **September 30** of each year]*

Please mail a signed copy of this report to **each** of these offices: **Air Quality Bureau** ; **DNR Field Office** (or local air program office) ; and **EPA Region VII** .
*Please **check** the appropriate box above to indicate the **addressee** for each copy submitted. You can find the addresses in the DNR Instructions and at the end of your Title V Permit.*

STATEMENT OF CERTIFICATION OF COMPLIANCE [As required by 567 IAC 22.107(4). The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ACCURATELY REFLECT THE COMPLIANCE STATUS OF THIS FACILITY FOR THIS REPORTING PERIOD TO DATE, AND ARE TRUE, ACCURATE, AND COMPLETE."



Signature of Responsible Official

Senior Vice President Supply and Marketing
Title of Responsible Official

Jack L. Alexander
Print Name of Responsible Official

03/09/04 **RECEIVED**
Date Signed

MAR 25 2004

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 2C – Compliance Summary

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

1. EMISSION POINT SPECIFIC CONDITIONS (Title V Permit - Part III)

a) Is your facility currently **in compliance** with all Emission Point Specific Conditions (Part III) stated in your Permit? Yes No

[If you answered "No" to this question, you must also submit Part 6C (Compliance Schedule).]

b) Did your facility experience **any** deviations during the reporting period from the Emission Point Specific Conditions stated in your Permit? Yes No

[If you answered "Yes" to this question, you must also complete Part 4C (Deviation Report) and/or Part 5C (Additional Reports Summary). See DNR Instructions for details.]

NOTE: Even if your facility experiences **no** deviations, you must still complete **Part 3C-1** (Compliance Report – By Emission Unit). See the **DNR Instructions** for details.

2. PLANT-WIDE CONDITIONS (TITLE V PERMIT - PART II)

a) Is your facility currently **in compliance** with all Plant-wide Conditions (Part II) stated in your Permit? Yes No

[If you answered "No" to this question, you must also submit Part 6C (Compliance Schedule)]

b) Did your facility experience **any** deviations during the reporting period from the Plant-Wide Conditions stated in your Permit? Yes No

[If you answered "Yes" to this question, you must also complete Part 4C (Deviation Report) and/or Part 5C (Additional Reports Summary). See DNR Instructions for details.]

NOTE: If a Plant-Wide Condition contained in your Permit requires **monitoring**, you must include the information in **Part 3C-1** (just indicate "plant-wide" under the EP# and EU# columns).

3. GENERAL CONDITIONS (TITLE V PERMIT - PART IV)

a) Is your facility currently **in compliance** with all General Conditions (Part IV) stated in your Permit? Yes No

[If you answered "No" to this question, you must also submit Part 6C (Compliance Schedule)]

b) Did your facility experience **any** deviations during the reporting period from any of the General Conditions stated in your Permit? Yes No

[If you answered "Yes" to this question, you must also complete Part 4C (Deviation Report) and/or Part 5C (Additional Reports Summary). See DNR Instructions for details.]

4. STATEMENT OF COMPLIANCE STATUS

Based on the information provided above and throughout this Certification, indicate your facility's compliance status with the Permit during this reporting period.

Continuous Compliance Intermittent Compliance

*[If your facility experienced **any** deviations during the reporting period, you must check Intermittent Compliance. If there were no deviations, you may check Continuous Compliance.]*

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 - Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information*	(9) In Compliance? (Y) or (N)**
All	All	PM	Plant-wide conditions, 40% opacity	N/A	Knowledge of facility operations	N	N/A	Y
All	All	PM	Plant-wide conditions, 0.1 gr/scf	N/A	Knowledge of facility operations	N	N/A	Y
All	All	SO2	Plant-wide conditions, 500 ppm	N/A	Knowledge of facility operations	N	N/A	Y
All	All	PM	Plant-wide conditions, Reasonable precautions to prevent nuisance fugitive	N/A	Knowledge of facility operations	N	N/A	Y
001	001, 002, 003	PM	40% opacity	COMS	N/A	Y	5C	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 12.]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 - Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
001	001, 002, 003	PM	0.60 lb/mmBtu, Blr 7, 8, 9 0.39 lb/mmBtu, Blr, 6, 7, 8, 9 all firing	COMS, OMP, ST	N/A	Y	5C	Y
001	001, 002, 003	PM	1 st Stack Test by 4/01/99 2 nd Stack Test between 9/10/00 - 9/10/01	RR	N/A	N	N/A	Y
001	001, 002, 003		COMS Required	RR	Monitors Certified, Monitor failures	Y	5C	Y
001	001, 002, 003		COMS Quarterly reports required	RR	N/A	N	N/A	Y
001	001	SO2	6.0 lb/mmBtu, Hold Allowances	CEMS	N/A	N	N/A	Y

Attach additional pages, as needed. (If more than one page is submitted, indicate Page 2 of 12.)

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete Part 4C and/or Part 5C.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete Part 6C.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 - Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N) ⁺⁺
001	001	NOx	0.45 lb/mmBtu, Annual Ave.	CEMS	N/A	N	N/A	Y
001	001		CEMS Required	RR	Monitors Certified, Monitor failures	Y	5C	Y
001	001		CEMS Quarterly reports required	RR	N/A	N	N/A	Y
001	001	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR	N/A	N	N/A	Y
001	002	SO2	6.0 lb/mmBtu	RR	N/A	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 3 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
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Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y or N)**	(8) If Deviations, note which form(s) contain information*	(9) In Compliance? (Y or (N)++)
001	002	SO2	Fuel Analysis, each shipment - Sulfur < 1% & Btu > 7000	RR	N/A	N	N/A	Y
001	002	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR	N/A	Y	5C	Y
001	003	SO2	6.0 lb/mmBtu	RR	N/A	N	N/A	Y
001	003	SO2	Fuel Analysis, each shipment - Sulfur < 1% & Btu > 7000	RR	N/A	N	N/A	Y
001	003	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR	N/A	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 4 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 - Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information†	(9) In Compliance? (Y) or (N)**
002	004	Opacity, PM	40% Opacity; 0.60 lb/mmBtu - Blr 6; 0.39 lb/mmBtu - Blr, 6, 7, 8, 9 all firing - PM	OMP, ST	N/A	N	N/A	Y
002	004	SO2	6.0 lb/mmBtu	RR	N/A	N	N/A	Y
002	004	SO2	Fuel Analysis, each shipment - Sulfur < 1% & Btu > 7000	RR	N/A	N	N/A	Y
002	004	PM	1 st Stack Test by 3/01/99 2 nd Stack Test between 9/10/00 - 9/10/01	RR	N/A	N	N/A	Y
002	004	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR	N/A	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 5 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?**: Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

† **If Deviations...(#8)**: If you marked (Y) for #7, note which form describes the deviations by indicating **(4C)**, **(5C)**, or **(4C & 5C)**.

** **In Compliance (#9)?**: If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
003	005	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
004	005	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
005	006	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
006	007	PM, PM-10	20% Opacity, 0.1 gr/dscf PM, 2.74 lb/hr PM-10	OMP	N/A	N	N/A	Y
006	007	PM, PM-10	Periodic Monitoring Inspections/recordkeeping	OMP	N/A	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 6 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
006	007	PM, PM-10	Stack Test by 3/10/99	RR	N/A	N	N/A	Y
006	007	PM, PM-10	Facility O & M Plan	N/A	Plan on file	N	N/A	Y
008a	009	PM, PM-10	20% Opacity, 0.1 gr/dscf PM, 3.44 lb/hr PM-10	OMP	N/A	N	N/A	Y
008a	009	PM, PM-10	Periodic Monitoring Inspections/recordkeeping	OMP	N/A	N	N/A	Y
008a	009	PM, PM-10	Stack Test by 3/10/99	RR	N/A	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 7 of 12.]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report (By Emission Unit)

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information†	(9) In Compliance? (Y) or (N)**
008a	009	PM, PM-10	Facility O & M Plan	N/A	Plan on file	N	N/A	Y
008	024	PM	40% Opacity	N/A	Knowledge of facility operations	N	N/A	Y
008	025	PM	40% Opacity	N/A	Knowledge of facility operations	N	N/A	Y
008	026	PM	40% Opacity	N/A	Knowledge of facility operations	N	N/A	Y
008	028	PM	40% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 8 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information†	(9) In Compliance? (Y) or (N)**
008	046	PM	40% Opacity	N/A	Knowledge of facility operations	N	N/A	Y
008	050	PM	40% Opacity	N/A	Knowledge of facility operations	N	N/A	Y
009	010	PM	20% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y
010	010	PM	20% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y
011	010	PM	20% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 9 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

† **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 - Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information+	(9) In Compliance? (Y) or (N)**
012	010	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
013	014	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
014	010	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
015	014	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
016	015	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 10 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information*	(9) In Compliance? (Y) or (N)**
017	015	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
022	027	PM	Reasonable precautions to prevent nuisance fugitive dust	N/A	Knowledge of facility operations	N	N/A	Y
035	042	PM	40% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y
036	042	PM	40% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y
037	043	PM	40% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 11 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information*	(9) In Compliance? (Y) or (N)**
038	043	PM	40% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y
039	044	PM	40% Opacity, 0.1 gr/dscf	N/A	Knowledge of facility operations	N	N/A	Y
All	All		Plant-wide General Permit Conditions	N/A	Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 12 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 4C – Deviation Report

This form, or the equivalent information, is required only if deviations occurred during the reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

You may be able to use Part 5C to report some or all of your deviations. Please see the DNR Instructions, and Part 5C, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Deviation Description	(5) Deviation Date	(6) Deviation Duration	(7) Suspected Cause of Deviation	(8) Corrective Action Taken
			None to report on Form 4C.				

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 1]

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 5C - Additional Reports Summary

This form is optional. Use this form to reference other deviation or exceedance reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

If you use this form to note deviations, please complete the table below to summarize other reports submitted to DNR Air Quality Bureau (or the Linn or Polk County air program) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 4C for each deviation. If these reports do not contain this information, you must report the deviation on Part 4C.

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	4/24/03
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	4/28/03
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	7/15/03
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	7/22/03
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	10/17/03

Attach additional pages, if needed. [If more than one page is submitted, indicate Page 1 of 2]

*Other deviation or exceedance reports submitted to AQB may include, but are not limited to, the following:

- ◆ Title V Semi-Annual Monitoring Reports;
- ◆ CEMS and/or COMS reports;
- ◆ Written reports of excess emission incidents;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 5C - Additional Reports Summary

This form is optional. Use this form to reference other deviation or exceedance reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2003 End Date: December 31, 2003

If you use this form to note deviations, please complete the table below to summarize other reports submitted to DNR Air Quality Bureau (or the Linn or Polk County air program) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 4C for each deviation. If these reports do not contain this information, you must report the deviation on Part 4C.

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	10/29/03
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	1/19/03
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	1/08/03
Utility Boiler, Dust Collector	001, 002, 003, 004, 009	Semi-Annual Monitoring Report, 98-TV-004-M005	9/08/03
Utility Boiler, Dust Collector	001, 002, 003, 004, 009	Semi-Annual Monitoring Report, 98-TV-004-M005	With this report

Attach additional pages, if needed. [If more than one page is submitted, indicate Page 2 of 2]

*Other deviation or exceedance reports submitted to AQB may include, but are not limited to, the following:

- ◆ Title V Semi-Annual Monitoring Reports;
- ◆ CEMS and/or COMS reports;
- ◆ Written reports of excess emission incidents;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirement

Title V Operating Permit File Name
SEMI-ANNUAL MONITORING REPORT
(Due each September 30 and March 31) Senders Initials

Part 1M - Facility Information and Certification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: January 1, 2003 End Date: June 30, 2003

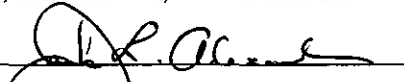
	Responsible Official	Permit Contact Person
Name	Jack L. Alexander	Richard L. Arnold
Title	Senior Vice President Supply and Marketing	Supervising Chemist
Mailing Address	666 Grand Avenue P.O. Box 657 Des Moines, Iowa 50303	6001 State Street Bettendorf, Iowa 52722
Phone Number	515/242-4044	563/333-8501

Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual report, Compliance Certification, Emissions Inventory, etc)? Yes No
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit]

Please mail a signed copy of this report to **each** of these offices: **DNR Air Quality Bureau** ; and **DNR Field Office** (or local air program office) .
Please **check** the appropriate box above to indicate the **addressee** for each copy submitted. You can find the office addresses in the **DNR Instructions** and at the end of your Title V Permit.

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS [As required by 567 IAC 22.107(4)]. The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE."


Signature of Responsible Official
Jack L. Alexander
Print Name of Responsible Official

Senior Vice President Supply and Marketing
Title of Responsible Official
09/03/03
Date Signed

RECEIVED
SEP 11 2003

**Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM**

(Due each September 30 and March 31)

Part 2M - Deviation Verification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: January 1, 2003 End Date: June 30, 2003

Question	Response (Yes or No)
Did your facility have <u>any</u> monitoring deviations from the Title V Permit requirements* during this reporting period?	No <input type="checkbox"/> Complete Part 1M and 2M <u>only</u> . Yes <input checked="" type="checkbox"/> Complete Parts 1M, 2M, 3M, and/or 4M See DNR Instructions, and Parts 3M and 4M, for details on reporting deviations.

***Required monitoring may include:** Recordkeeping requirements, source (stack) testing, continuous emissions monitoring systems (CEMS), continuous opacity monitoring systems (COMS), observations for no visible emissions, Method 9 visual emissions (opacity) observations, and operation and maintenance (O&M) plans. See **DNR Instructions** for details on possible deviations from required monitoring

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 3M – Monitoring Deviation Report

This form, or the equivalent information, is required only if monitoring deviations occurred during the reporting period.

Facility Name: Riverside Generating Station **Operating Permit Number:** 98-TV-004-M005

Reporting Period - Start Date: January 1, 2003 **End Date:** June 30, 2003

You may be able to use Part 4M to report some or all of your monitoring deviations. Please see DNR Instructions, and Part 4M, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Monitoring Method	(5) Monitoring Deviation Description	(6) Deviation Date	(7) Deviation Duration	(8) Suspected Cause of Deviation	(9) Corrective Action Taken
				Nothing to report on Part 3M.				

Attach additional pages, as needed. [If more than one page is submitted, indicate Page_1__ of __1_]

*Monitoring Method Abbreviations: Recordkeeping Requirements (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 4M – Additional Monitoring Reports Summary

This form is optional. Use this form to reference other monitoring deviation reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: January 1, 2003 End Date: June 30, 2003

If you use this form to note monitoring deviations, please complete the table below to summarize other reports submitted to the DNR Air Quality Bureau (or the Linn or Polk county air program office, if applicable) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 3M for each monitoring deviation. If these reports do not contain this information, you must use Part 3M to report the deviation(s).

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boilers	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	04/24/03 07/15/03
Utility Boiler	001	Quarterly CEMS Reports - 40 CFR 75	04/15/03 07/16/03

Attach additional pages, if needed. [If more than one page is submitted, indicate Page 1 of 1]

*Other monitoring deviation reports submitted to AQB may include, but are not limited to, the following:

- ◆ CEMS and/or COMS reports;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements



MidAmerican Energy Company
401 Douglas Street
P. O. Box 778
Sioux City, Iowa 51102
712 277-7500 Telephone

September 8, 2003

Ms. Catharine Fitzsimmons
Chief, Air Quality Bureau
Iowa Department of Natural Resources
7900 Hickman Road, Suite #1
Urbandale, Iowa 50322

Re: 2003 Semi-Annual Monitoring Report

Dear Ms. Fitzsimmons:

Enclosed within this submittal are Semi-Annual Monitoring reports for the period January 1 – June 30, 2003, as required by the Title V permits for the following MidAmerican Energy Company generating facilities: Coralville Combustion Turbines, Council Bluffs Energy Center, Electriform Combustion Turbines, George Neal North, George Neal South, Louisa Generating Station, Merl Parr Combustion Turbines, Pleasant Hill Combustion Turbines, River Hills Combustion Turbines, Riverside Generating Station, Sycamore Combustion Turbines, Knoxville Power Station, Shenandoah Power Station, and Waterloo Lundquist Power Station

If you have any questions regarding this submittal, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Donald E. Mohning".

Donald E. Mohning
Senior Environmental Coordinator
712/277-7461

Enclosures:

cc: J. L. Alexander
G. E. Kruempel
S. J. Brewer
R. E. Unser
D. M. Ralston
IDNR Field Office w/enclosure
Polk County Public Works Dept. w/enclosure

S. A. Rouse
C. S. Woollums
S. C. Guyer
C. E. Parker

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Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT
(Due each September 30 and March 31)

Part 1M - Facility Information and Certification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: July 1, 2002 End Date: December 31, 2002

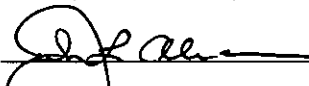
	Responsible Official	Permit Contact Person
Name	Jack L. Alexander	Richard L. Arnold
Title	Senior Vice President Supply and Marketing	Supervising Chemist
Mailing Address	666 Grand Avenue P.O. Box 657 Des Moines, Iowa 50303	6001 State Street Bettendorf, Iowa 52722
Phone Number	515/242-4044	563/333-8501

Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual report, Compliance Certification, Emissions Inventory, etc)? **Yes** **No**
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit]

Please mail a signed copy of this report to **each** of these offices: **DNR Air Quality Bureau** ; and **DNR Field Office** (or **local air program office**) .
Please check the appropriate box above to indicate the addressee for each copy submitted. You can find the office addresses in the DNR Instructions and at the end of your Title V Permit.

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS [As required by 567 IAC 22.107(4)]. The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE."


Signature of Responsible Official
Jack L. Alexander
Print Name of Responsible Official

Senior Vice President Supply and Marketing
Title of Responsible Official
March 21, 2003
Date Signed

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MAR 28 2003

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 2M - Deviation Verification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: Riverside Generating Station **Operating Permit Number:** 98-TV-004-M005

Reporting Period - Start Date: July 1, 2002 **End Date:** December 31, 2002

Question	Response (Yes or No)
Did your facility have any monitoring deviations from the Title V Permit requirements* during this reporting period?	No <input type="checkbox"/> Complete Part 1M and 2M <u>only</u>. Yes <input checked="" type="checkbox"/> Complete Parts 1M, 2M, 3M, and/or 4M See DNR Instructions, and Parts 3M and 4M, for details on reporting deviations.

***Required monitoring may include:** Recordkeeping requirements, source (stack) testing, continuous emissions monitoring systems (CEMS), continuous opacity monitoring systems (COMS), observations for no visible emissions, Method 9 visual emissions (opacity) observations, and operation and maintenance (O&M) plans. See **DNR Instructions** for details on possible deviations from required monitoring

**Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM**
(Due each September 30 and March 31)

Part 3M – Monitoring Deviation Report

This form, or the equivalent information, is required only if monitoring deviations occurred during the reporting period.

Facility Name: Riverside Generating Station **Operating Permit Number:** 98-TV-004-M005

Reporting Period - Start Date: July 1, 2002 **End Date:** December 31, 2002

You may be able to use Part 4M to report some or all of your monitoring deviations. Please see DNR Instructions, and Part 4M, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Monitoring Method	(5) Monitoring Deviation Description	(6) Deviation Date	(7) Deviation Duration	(8) Suspected Cause of Deviation	(9) Corrective Action Taken
				Nothing to report on Part 3M.				

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1__ of __1_]

*Monitoring Method Abbreviations: Recordkeeping Requirements (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 4M – Additional Monitoring Reports Summary

This form is optional. Use this form to reference other monitoring deviation reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: July 1, 2002 End Date: December 31, 2002

If you use this form to note monitoring deviations, please complete the table below to summarize other reports submitted to the DNR Air Quality Bureau (or the Linn or Polk county air program office, if applicable) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 3M for each monitoring deviation. If these reports do not contain this information, you must use Part 3M to report the deviation(s).

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boilers	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	10/10/02 01/15/03
Utility Boiler	001	Quarterly CEMS Reports - 40 CFR 75	10/18/02 01/21/03

Attach additional pages, if needed. [If more than one page is submitted, indicate Page 1 of 1]

*Other monitoring deviation reports submitted to AQB may include, but are not limited to, the following:

- ◆ CEMS and/or COMS reports;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 1C - Facility Information and Certification

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: January 1, 2002 End Date: December 31, 2002

	Responsible Official	Permit Contact Person
Name	Jack L. Alexander	Richard L. Arnold
Title	Senior Vice President Supply and Marketing	Supervising Chemist
Mailing Address	666 Grand Avenue P.O. Box 657 Des Moines, Iowa 50303	6001 State Street Bettendorf, Iowa 52722
Phone Number	515/242-4044	563/333-8501


Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual Monitoring Report, Annual Emissions Inventory, etc)? Yes No
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit]

Are you submitting this Annual Compliance Certification to also fulfill the reporting requirements for the **Title V Semi-Annual Monitoring Report**? Yes No
*[If "No," by **March 31**, you must submit a separate Semi-Annual Monitoring Report. Remember that a Semi-Annual Monitoring Report is also due by **September 30** of each year]*

Please mail a signed copy of this report to **each** of these offices: **Air Quality Bureau** ; **DNR Field Office** (or **local air program office**) ; and **EPA Region VII** .
*Please **check** the appropriate box above to indicate the **addressee** for each copy submitted. You can find the addresses in the DNR Instructions and at the end of your Title V Permit.*

STATEMENT OF CERTIFICATION OF COMPLIANCE [As required by 567 IAC 22.107(4). The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ACCURATELY REFLECT THE COMPLIANCE STATUS OF THIS FACILITY FOR THIS REPORTING PERIOD TO DATE, AND ARE TRUE, ACCURATE, AND COMPLETE."



Signature of Responsible Official
Jack L. Alexander

Print Name of Responsible Official

Senior Vice President Supply and Marketing

Title of Responsible Official
March 21, 2003

Date Signed

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MAR 28 2003

Title V Operating Permit

ANNUAL COMPLIANCE CERTIFICATION FORM

(Due each March 31)

Part 2C – Compliance Summary

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station **Operating Permit Number:** 98-TV-004

Reporting Period - Start Date: January 1, 2002 **End Date:** December 31, 2002

1. EMISSION POINT SPECIFIC CONDITIONS (Title V Permit - Part III)

a) Is your facility currently **in compliance** with all Emission Point Specific Conditions (Part III) stated in your Permit? **Yes** **No**

[If you answered "No" to this question, you must also submit Part 6C (Compliance Schedule).]

b) Did your facility experience **any** deviations during the reporting period from the Emission Point Specific Conditions stated in your Permit? **Yes** **No**

[If you answered "Yes" to this question, you must also complete Part 4C (Deviation Report) and/or Part 5C (Additional Reports Summary). See DNR Instructions for details.]

NOTE: Even if your facility experiences **no** deviations, you must certify the compliance status of each term, condition and applicable requirement contained in Part III of the Title V Permit. Therefore, **all** facilities must complete **Part 3C-1** (Compliance Report – By Emission Unit). See the **DNR Instructions** for details.

2. PLANT-WIDE CONDITIONS (TITLE V PERMIT - PART II)

a) Is your facility currently **in compliance** with all Plant-wide Conditions (Part II) stated in your Permit? **Yes** **No**

[If you answered "No" to this question, you must also submit Part 6C (Compliance Schedule)]

b) Did your facility experience **any** deviations during the reporting period from the Plant-Wide Conditions stated in your Permit? **Yes** **No**

[If you answered "Yes" to this question, you must also complete Part 4C (Deviation Report) and/or Part 5C (Additional Reports Summary). See DNR Instructions for details.]

NOTE: If a Plant-Wide Condition contained in your Permit requires **monitoring**, you must include the information in **Part 3C-1** (just indicate "plant-wide" under the EP# and EU# columns).

3. GENERAL CONDITIONS (TITLE V PERMIT - PART IV)

a) Is your facility currently **in compliance** with all General Conditions (Part IV) stated in your Permit? **Yes** **No**

[If you answered "No" to this question, you must also submit Part 6C (Compliance Schedule)]

b) Did your facility experience **any** deviations during the reporting period from any of the General Conditions stated in your Permit? **Yes** **No**

[If you answered "Yes" to this question, you must also complete Part 4C (Deviation Report) and/or Part 5C (Additional Reports Summary). See DNR Instructions for details.]

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information+	(9) In Compliance? (Y) or (N)**
All	All	PM	Plant-wide conditions, 40% opacity		Knowledge of facility operations	N	N/A	Y
All	All	PM	Plant-wide conditions, 0.1 gr/scf		Knowledge of facility operations	N	N/A	Y
All	All	SO2	Plant-wide conditions, 500 ppm		Knowledge of facility operations	N	N/A	Y
All	All	PM	Plant-wide conditions, Reasonable precautions to prevent nuisance fugitive		Knowledge of facility operations	N	N/A	Y
001	001, 002, 003	PM	40% opacity	COMS		Y	5C	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 12.]

* Monitoring Method Abbreviations (#5): Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** Deviations (#7)? Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete Part 4C and/or Part 5C.

+ If Deviations...(#8): If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** In Compliance (#9)? If you indicate (N), you must complete Part 6C.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR instructions for details on completing this form. An example is included in Appendix B of the DNR instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information+	(9) In Compliance? (Y) or (N)**
001	001, 002, 003	PM	0.60 lb/mmBtu, Bir 7, 8, 9 0.39 lb/mmBtu, Bir, 6, 7, 8, 9 all firing	COMS, OMP,ST		Y	5C	Y
001	001, 002, 003	PM	1 st Stack Test by 4/01/99 2 nd Stack Test between 9/10/00 - 9/10/01	RR		N	N/A	Y
001	001, 002, 003		COMS Required	RR		Y	5C	Y
001	001, 002, 003		COMS Quarterly reports required	RR		N	N/A	Y
001	001	SO2	6.0 lb/mmBtu, Hold Allowances	CEMS		N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 2 of 12]

* Monitoring Method Abbreviations (#5): Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** Deviations (#7)? Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete Part 4C and/or Part 5C.

+ If Deviations...(#8): If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ In Compliance (#9)? If you indicate (N), you must complete Part 6C.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information*	(9) In Compliance? (Y) or (N)**
001	001	NOx	0.45 lb/mmBtu, Annual Ave.	CEMS		N	N/A	Y
001	001		CEMS Required	RR		Y	5C	Y
001	001		CEMS Quarterly reports required	RR		N	N/A	Y
001	001	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR		N	N/A	Y
001	002	SO2	6.0 lb/mmBtu	RR		N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 3 ___ of ___ 12 ___]

* Monitoring Method Abbreviations (#5): Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** Deviations (#7)? Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete Part 4C and/or Part 5C.

+ If Deviations...(#8): If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ In Compliance (#9)? If you indicate (N), you must complete Part 6C.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
001	002	SO2	Fuel Analysis, each shipment - Sulfur < 1% & Btu > 7000	RR		N	N/A	Y
001	002	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR		Y	5C	Y
001	003	SO2	6.0 lb/mmBtu	RR		N	N/A	Y
001	003	SO2	Fuel Analysis, each shipment - Sulfur < 1% & Btu > 7000	RR		N	N/A	Y
001	003	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR		N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 4 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information†	(9) In Compliance? (Y) or (N)**
002	004	Opacity, PM	40% Opacity; 0.60 lb/mmBtu - Blr 6; 0.39 lb/mmBtu - Blr, 6, 7, 8, 9 all firing - PM	OMP, ST		N	N/A	Y
002	004	SO2	6.0 lb/mmBtu	RR		N	N/A	Y
002	004	SO2	Fuel Analysis, each shipment - Sulfur < 1% & Btu > 7000	RR		N	N/A	Y
002	004	PM	1 st Stack Test by 3/01/99 2 nd Stack Test between 9/10/00 - 9/10/01	RR		N	N/A	Y
002	004	PM	Periodic Monitoring Inspections/recordkeeping, Method 9 certifications	RR		N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 5 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

† **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
003	005	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
004	005	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
005	006	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
006	007	PM, PM-10	20% Opacity, 0.1 gr/dscf PM, 2.74 lb/hr PM-10	OMP		N	N/A	Y
006	007	PM, PM-10	Periodic Monitoring Inspections/recordkeeping	OMP		N	N/A	Y

Attach additional pages, as needed. (If more than one page is submitted, indicate Page 6 of 12.)

* Monitoring Method Abbreviations (#5): Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** Deviations (#7)? Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete Part 4C and/or Part 5C.

+ If Deviations...(#8): if you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ In Compliance (#9)? If you indicate (N), you must complete Part 6C.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
006	007	PM, PM-10	Stack Test by 3/10/99	RR		N	N/A	Y
006	007	PM, PM-10	Facility O & M Plan		Plan on file	N	N/A	Y
008a	009	PM, PM-10	20% Opacity, 0.1 gr/dscf PM, 3.44 lb/hr PM-10	OMP		N	N/A	Y
008a	009	PM, PM-10	Periodic Monitoring Inspections/recordkeeping	OMP		N	N/A	Y
008a	009	PM, PM-10	Stack Test by 3/10/99	RR		N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page_ 7_ of _12_]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

+ + **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information+	(9) In Compliance? (Y) or (N)**
008a	009	PM, PM-10	Facility O & M Plan		Plan on file	N	N/A	Y
008	024	PM	40% Opacity		Knowledge of facility operations	N	N/A	Y
008	025	PM	40% Opacity		Knowledge of facility operations	N	N/A	Y
008	026	PM	40% Opacity		Knowledge of facility operations	N	N/A	Y
008	028	PM	40% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 8 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (if appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information†	(9) In Compliance? (Y) or (N)**
008	046	PM	40% Opacity		Knowledge of facility operations	N	N/A	Y
008	050	PM	40% Opacity		Knowledge of facility operations	N	N/A	Y
009	010	PM	20% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y
010	010	PM	20% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y
011	010	PM	20% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 9 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

† **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 -- Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
012	010	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
013	014	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
014	010	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
015	014	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
016	015	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 10 of 12.]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?:** Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8):** If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

** **In Compliance (#9)?:** If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N)**
017	015	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
022	027	PM	Reasonable precautions to prevent nuisance fugitive dust		Knowledge of facility operations	N	N/A	Y
035	042	PM	40% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y
036	042	PM	40% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y
037	043	PM	40% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 11 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?**: Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete **Part 4C** and/or **Part 5C**.

+ **If Deviations...(#8)**: If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?**: If you indicate (N), you must complete **Part 6C**.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 3C-1 – Compliance Report [By Emission Unit]

This form, or the equivalent information, is required with all Annual Compliance Certification submittals.

Facility Name: Riverside Generating Station **Operating Permit Number:** 98-TV-004

Reporting Period - Start Date: January 1, 2002 **End Date:** December 31, 2002

Please see the DNR Instructions for details on completing this form. An example is included in Appendix B of the DNR Instructions.

(1) EP#	(2) EU#	(3) Pollutant (If appl.)	(4) Permit Term, Condition or Applicable Requirement	(5) Monitoring Method* (if appl.)	(6) Other Method Used to Determine Compliance (if appl.)	(7) Deviations? (Y) or (N)**	(8) If Deviations, note which form(s) contain information ⁺	(9) In Compliance? (Y) or (N) ⁺⁺
038	043	PM	40% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y
039	044	PM	40% Opacity, 0.1 gr/dscf		Knowledge of facility operations	N	N/A	Y
All	All		Plant-wide General Permit Conditions		Knowledge of facility operations	N	N/A	Y

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 12 of 12]

* **Monitoring Method Abbreviations (#5):** Recordkeeping (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

** **Deviations (#7)?**: Indicate (Y) for Yes, or (N) for No. If you indicate (Y), you must complete Part 4C and/or Part 5C.

+ **If Deviations...(#8)**: If you marked (Y) for #7, note which form describes the deviations by indicating (4C), (5C), or (4C & 5C).

++ **In Compliance (#9)?**: If you indicate (N), you must complete Part 6C.

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 4C – Deviation Report

This form, or the equivalent information, is required only if deviations occurred during the reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

You may be able to use Part 5C to report some or all of your deviations. Please see the DNR Instructions, and Part 5C, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Deviation Description	(5) Deviation Date	(6) Deviation Duration	(7) Suspected Cause of Deviation	(8) Corrective Action Taken
			None to report on Form 4C.				

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 1]

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 5C – Additional Reports Summary

This form is optional. Use this form to reference other deviation or exceedance reports submitted for this reporting period.

Facility Name: Riverside Generating Station **Operating Permit Number:** 98-TV-004

Reporting Period - Start Date: January 1, 2002 **End Date:** December 31, 2002

If you use this form to note deviations, please complete the table below to summarize other reports submitted to DNR Air Quality Bureau (or the Linn or Polk County air program) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in **Part 4C** for each deviation. If these reports do not contain this information, you must report the deviation on **Part 4C**.

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	4/09/02
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	4/16/02
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	7/19/02
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	7/30/02
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	10/10/02

Attach additional pages, if needed. [If more than one page is submitted, indicate **Page_1** of **2**]

*Other deviation or exceedance reports submitted to AQB may include, but are not limited to, the following:

- ◆ Title V Semi-Annual Monitoring Reports;
- ◆ CEMS and/or COMS reports;
- ◆ Written reports of excess emission incidents;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements

**Title V Operating Permit
ANNUAL COMPLIANCE CERTIFICATION FORM**
(Due each March 31)

Part 5C – Additional Reports Summary

This form is optional. Use this form to reference other deviation or exceedance reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004

Reporting Period - Start Date: January 1, 2002 End Date: December 31, 2002

If you use this form to note deviations, please complete the table below to summarize other reports submitted to DNR Air Quality Bureau (or the Linn or Polk County air program) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 4C for each deviation. If these reports do not contain this information, you must report the deviation on Part 4C.

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	10/18/02
Utility Boiler	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	1/15/03
Utility Boiler	001	Quarterly CEMS Reports - 567 IAC 25.1	1/21/03
Utility Boiler, Dust Collector	001, 002, 003, 004, 009	Semi-Annual Monitoring Report, 98-TV-004-M005	9/13/02
Utility Boiler, Dust Collector	001, 002, 003, 004, 009	Semi-Annual Monitoring Report, 98-TV-004-M005	With this report

Attach additional pages, if needed. [If more than one page is submitted, indicate Page 2 of 2]

*Other deviation or exceedance reports submitted to AQB may include, but are not limited to, the following:

- ◆ Title V Semi-Annual Monitoring Reports;
- ◆ CEMS and/or COMS reports;
- ◆ Written reports of excess emission incidents;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements

File Name 82-02-006

Permit Initials JAT

Title V Operating Permits
SEMI-ANNUAL MONITORING REPORT
(Due each September 30 and March 31)

Part 1M - Facility Information and Certification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: MidAmerican Energy, Riverside Generating Station

Facility Location (street address and city): 6001 State Street, Bettendorf, Iowa 52722

Permit Issuance Date: March 10, 1998

Operating Permit Number: 98-TV-004-M005

Facility File Number: 82-02-006

Reporting Period Start Date: January 1, 2002 End Date: June 30, 2002

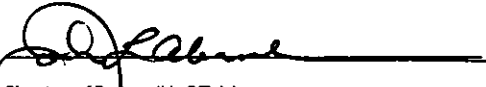
	Responsible Official	Permit Contact Person
Name	Jack L. Alexander	Richard L. Arnold
Title	Senior Vice President	Supervising Chemist
Mailing Address	666 Grand Avenue P.O. Box 657 Des Moines, Iowa 50303	6001 State Street Bettendorf, Iowa 52722
Phone Number	515/242-4044	563/333-8501

Is the above information **different** from what is indicated on your most recent Title V Report (i.e. last Semi-Annual report, Compliance Certification, Emissions Inventory, etc)? Yes No
[If "Yes," please contact the DNR Air Quality Bureau at 515-242-5100 or your Linn or Polk County local program office. You may need to submit additional forms to update your Title V Permit]

Please mail a signed copy of this report to **each** of these offices: **DNR Air Quality Bureau** ; and **DNR Field Office** (or local air program office) .
 Please **check** the appropriate box above to indicate the **addressee** for each copy submitted. You can find the office addresses in the **DNR Instructions** and at the end of your Title V Permit.

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS [As required by 567 IAC 22.107(4)]. The **Responsible Official**, as defined under 567 IAC 22.100, must sign each copy of this report]

"I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE."


 Signature of Responsible Official
Jack L. Alexander
 Print Name of Responsible Official

Senior Vice President
 Title of Responsible Official
9-10-02
 Date Signed

RECEIVED

SEP 19 2002

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 2M - Deviation Verification

This form, or the equivalent information, is required with all Semi-Annual Monitoring Report submittals.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: January 1, 2002 End Date: June 30, 2002

Question	Response (Yes or No)
Did your facility have <u>any</u> monitoring deviations from the Title V Permit requirements* during this reporting period?	No <input type="checkbox"/> Complete Part 1M and 2M <u>only</u>. Yes <input checked="" type="checkbox"/> Complete Parts 1M, 2M, 3M, and/or 4M See DNR Instructions, and Parts 3M and 4M, for details on reporting deviations.

***Required monitoring may include:** Recordkeeping requirements, source (stack) testing, continuous emissions monitoring systems (CEMS), continuous opacity monitoring systems (COMS), observations for no visible emissions, Method 9 visual emissions (opacity) observations, and operation and maintenance (O&M) plans. See **DNR Instructions** for details on possible deviations from required monitoring

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 3M – Monitoring Deviation Report

This form, or the equivalent information, is required only if monitoring deviations occurred during the reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: January 1, 2002 End Date: June 30, 2002

You may be able to use Part 4M to report some or all of your monitoring deviations. Please see DNR Instructions, and Part 4M, for details.

(1) EP# (if appl.)	(2) EU# (if appl.)	(3) Pollutant (if appl.)	(4) Monitoring Method	(5) Monitoring Deviation Description	(6) Deviation Date	(7) Deviation Duration	(8) Suspected Cause of Deviation	(9) Corrective Action Taken
001	002	PM	OMP	Corrective action was not initiated within 8 hours following rapper failure in the #8 precipitator.	06/01/02	06/06/02	Alarm went unnoticed.	Reviewed OMP requirements with affected parties.

Attach additional pages, as needed. [If more than one page is submitted, indicate Page 1 of 1.]

*Monitoring Method Abbreviations: Recordkeeping Requirements (RR), Source Testing (ST), Continuous Emissions Monitoring (CEMS), Continuous Opacity Monitoring (COMS), No Visible Emissions (NVE), Method 9 Opacity Observations (OP), and Operation & Maintenance Plans (OMP).

Title V Operating Permit
SEMI-ANNUAL MONITORING REPORT FORM
(Due each September 30 and March 31)

Part 4M – Additional Monitoring Reports Summary

This form is optional. Use this form to reference other monitoring deviation reports submitted for this reporting period.

Facility Name: Riverside Generating Station Operating Permit Number: 98-TV-004-M005

Reporting Period - Start Date: January 1, 2002 End Date: June 30, 2002

If you use this form to note monitoring deviations, please complete the table below to summarize other reports submitted to the DNR Air Quality Bureau (or the Linn or Polk county air program office, if applicable) for this reporting period.

NOTE: The other reports referenced below should include, at a minimum, the information required in Part 3M for each monitoring deviation. If these reports do not contain this information, you must use Part 3M to report the deviation(s).

Emission Unit Description	Emission Unit #	Reporting Requirement*	Date Report Submitted
Utility Boilers	001, 002, 003	Quarterly COMS Reports - 567 IAC 25.1	04/09/02 07/19/02
Utility Boiler	001	Quarterly CEMS Reports - 40 CFR 75	04/11/02 07/30/02

Attach additional pages, if needed. [If more than one page is submitted, indicate Page_1__ of __1_]

*Other monitoring deviation reports submitted to AQB may include, but are not limited to, the following:

- ◆ CEMS and/or COMS reports;
- ◆ NSPS, NESHAP and/or MACT reports;
- ◆ PSD reporting requirements; or
- ◆ DNR Construction Permit reporting requirements