

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 1 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-1 (8) SCC No: 10100604
 (9) Description of Process: UTILITY BOILER, NATURAL GAS COMBUSTION, TANGENTIAL
 (10) Raw Material: NATURAL GAS
 (11) Actual Throughput (Yearly Total): 24.39
 (12) Units Raw Material: MILLION CUBIC FEET

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>7</u>	<u>24</u>	<u>1</u>	<u>1</u>
<u>APR</u>	<u>JUN</u>	<u>71</u>	<u>24</u>	<u>6</u>	<u>5</u>
<u>JUL</u>	<u>SEP</u>	<u>8</u>	<u>24</u>	<u>2</u>	<u>1</u>
<u>OCT</u>	<u>DEC</u>	<u>14</u>	<u>24</u>	<u>3</u>	<u>2</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-1 CE-2

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-1 ME-2 ME-3 ME-4
ME-5

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	7.60E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.09
PM-10	7.60E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.09
PARTICULATE MATTER	7.60E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.09
SULFUR DIOXIDE			OTHER - CEM - SEE COAL CALCS			0.00
NITROGEN OXIDES			OTHER - CEM - SEE COAL CALCS			0.00
VOLATILE ORGANIC COMPOUNDS	5.50E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.07
CARBON MONOXIDE	2.40E+01	POUNDS PER MILLION CUBIC FEET	AP42			0.29
LEAD						0.00
AMMONIA	3.20E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.04
FORMALDEHYDE	7.50E-02	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
HEXANE	1.80E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.02

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 2 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-1 (8) SCC No: 10101302
 (9) Description of Process: UTILITY BOILER: USED OIL CONSUMPTION
 (10) Raw Material: WASTE OIL
 (11) Actual Throughput (Yearly Total): 0.00
 (12) Units Raw Material: 1000 GALLONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-1 CE-2

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-1 ME-2 ME-3 ME-4
ME-5

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	2.88E+01	POUNDS PER 1000 GALLONS	AP42	.00		0.00
PM-10	5.10E+01	POUNDS PER 1000 GALLONS	AP42	.00		0.00
PARTICULATE MATTER	6.10E+01	POUNDS PER 1000 GALLONS	AP42	.00		0.00
SULFUR DIOXIDE						0.00
NITROGEN OXIDES						0.00
VOLATILE ORGANIC COMPOUNDS	1.00E+00	POUNDS PER 1000 GALLONS	AP42			0.00
CARBON MONOXIDE	5.00E+00	POUNDS PER 1000 GALLONS	AP42			0.00
LEAD	1.68E+00	POUNDS PER 1000 GALLONS	AP42			0.00
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: Description:

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 3 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-1 (8) SCC No: 10100226
 (9) Description of Process: UTILITY BOILER, PULVERIZED COAL, TANGENTIAL
 (10) Raw Material: SUBBITUMINOUS COAL
 (11) Actual Throughput (Yearly Total): 367,693.50
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>12</u>
<u>APR</u>	<u>JUN</u>	<u>28</u>	<u>24</u>	<u>7</u>	<u>10</u>
<u>JUL</u>	<u>SEP</u>	<u>30</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>17</u>	<u>24</u>	<u>7</u>	<u>7</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-1 CE-2

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-1 ME-2 ME-3 ME-4
ME-5

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.33E-02	POUNDS PER MILLION BTU	OTHER - PARTITIONING APPLIED TO PM COMPLIANCE TEST			42.98
PM-10	3.08E-02	POUNDS PER MILLION BTU	OTHER - COMPLIANCE TEST TSP			99.24
PARTICULATE MATTER	4.60E-02	POUNDS PER MILLION BTU	OTHER - COMPLIANCE TEST TSP			148.22
SULFUR DIOXIDE			CEM			2,239.40
NITROGEN OXIDES			CEM			749.63
VOLATILE ORGANIC COMPOUNDS	6.00E-02	POUNDS PER TON	FIRE			11.03
CARBON MONOXIDE	5.00E-01	POUNDS PER TON	FIRE			91.92
LEAD						0.00
AMMONIA	5.65E-04	POUNDS PER TON	FIRE			0.10
1,2-DICHLOROETHANE	4.00E-05	POUNDS PER TON	FIRE			0.01
ACROLEIN	2.90E-04	POUNDS PER TON	FIRE			0.05
RADIONUCLIDES (INCLUDING RADON)	9.50E-02	POUNDS PER TON	OTHER - EPA-450			0.01
CHLOROETHANE	4.20E-05	POUNDS PER TON	FIRE			0.01
TOLUENE	2.40E-04	POUNDS PER TON	FIRE			0.04
CHLOROFORM	5.90E-05	POUNDS PER TON	FIRE			0.01
BENZYL CHLORIDE	7.00E-04	POUNDS PER TON	FIRE			0.13
STYRENE	2.50E-05	POUNDS PER TON	FIRE			0.00
METHYL TERT BUTYL ETHER	3.50E-05	POUNDS PER TON	FIRE			0.01
COBALT COMPOUNDS	1.00E-04	POUNDS PER TON	FIRE			0.02
XYLENE (MIXED ISOMERS)	3.70E-05	POUNDS PER TON	FIRE			0.01
FORMALDEHYDE	2.40E-04	POUNDS PER TON	FIRE			0.04

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
METHYL HYDRAZINE	1.70E-04	POUNDS PER TON	FIRE			0.03
SELENIUM COMPOUNDS	1.30E-03	POUNDS PER TON	AP42			0.24
BENZENE	1.30E-03	POUNDS PER TON	FIRE			0.24
BROMOMETHANE	1.60E-04	POUNDS PER TON	FIRE			0.03
METHYL CHLORIDE	5.30E-04	POUNDS PER TON	FIRE			0.10
ETHYLBENZENE	9.40E-05	POUNDS PER TON	FIRE			0.02
ACETALDEHYDE	5.70E-04	POUNDS PER TON	AP42			0.10
DICHLOROMETHANE	2.90E-04	POUNDS PER TON	FIRE			0.05
CARBON DISULFIDE	1.30E-04	POUNDS PER TON	FIRE			0.02
TETRACHLOROETHYLENE	4.30E-05	POUNDS PER TON	FIRE			0.01
ISOPHORONE	5.80E-04	POUNDS PER TON	FIRE			0.11
PROPIONALDEHYDE	3.80E-04	POUNDS PER TON	FIRE			0.07
DIMETHYL SULFATE	4.80E-05	POUNDS PER TON	FIRE			0.01
HYDROGEN FLUORIDE	6.91E-02	POUNDS PER TON	OTHER - COAL ANALYSIS			12.71
METHYL ETHYL KETONE	3.90E-04	POUNDS PER TON	FIRE			0.07
ARSENIC COMPOUNDS	4.10E-04	POUNDS PER TON	FIRE			0.08
CADMIUM COMPOUNDS	5.10E-05	POUNDS PER TON	FIRE			0.01
DI(2-ETHYLHEXYL) PHTHALATE	7.30E-05	POUNDS PER TON	FIRE			0.01
CHROMIUM COMPOUNDS	3.39E-04	POUNDS PER TON	FIRE			0.06
CYANIDE COMPOUNDS	2.50E-03	POUNDS PER TON	FIRE			0.46
MERCURY COMPOUNDS	1.07E-04	POUNDS PER TON	OTHER - COAL ANALYSIS			0.02
MANGANESE COMPOUNDS	4.90E-04	POUNDS PER TON	FIRE			0.09
NICKEL COMPOUNDS	2.80E-04	POUNDS PER TON	FIRE			0.05
LEAD COMPOUNDS	4.20E-04	POUNDS PER TON	FIRE			0.08
POLYCYCLIC ORGANIC MATTER	2.40E-06	POUNDS PER MILLION BTU	FIRE			0.01
HYDROCHLORIC ACID	1.30E-01	POUNDS PER TON	OTHER - COAL ANALYSIS			23.90
BROMOFORM	3.90E-05	POUNDS PER TON	FIRE			0.01
HEXANE	6.70E-05	POUNDS PER TON	FIRE			0.01

SUPPORTING DOCUMENTS

Supporting Documents:

COAL_SUPPLIER_HCL HF AND HG EF CALC.XLS

RGS T5-TRI CALCS-021207.XLS

Description:

COAL SUPPLIER EMISSION FACTOR INFO HCL, HF, AND HG

2006 RIVERSIDE EMISSION INVENTORY CALCULATIONS

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692

(3) Page 5 of 34

EMISSION POINTS(4) Emission Point ID
EP-9 (5) Emission Point Description
ASH BIN VENT FILTER**PROCESS INFORMATION**(6) Emission Year: 2006 (7) Emission Unit No: EU-10A (8) SCC No: 30501107(9) Description of Process: FLY ASH STORAGE SILO BIN VENT(10) Raw Material: FLYASH(11) Actual Throughput (Yearly Total): 17,031.09(12) Units Raw Material: TONS**ACTUAL OPERATING RATES/SCHEDULE**

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'SCE-6**(18) ASSOCIATED MONITORING EQUIPMENT ID'S****ACTUAL EMISSIONS**

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.49E-04	POUNDS PER TON	AP42 - PARTITIONING FACTOR			0.00
PM-10	3.40E-04	POUNDS PER TON	AP42			0.00
PARTICULATE MATTER	9.90E-04	POUNDS PER TON	AP42			0.01
SULFUR DIOXIDE						0.00
NITROGEN OXIDES						0.00
VOLATILE ORGANIC COMPOUNDS						0.00
CARBON MONOXIDE						0.00
LEAD						0.00
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents:

Description:

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 9 of 34

EMISSION POINTS

(4) Emission Point ID: EP-14 (5) Emission Point Description: DRY FLY ASH UNLOADING POINT

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-10E (8) SCC No: 30510499
 (9) Description of Process: FLY ASH SILO - DRY ASH UNLOADING
 (10) Raw Material: FLYASH
 (11) Actual Throughput (Yearly Total): 17,031.09
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-10

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	2.00E-01	POUNDS PER TON	FIRE		75	0.43
PM-10	2.00E-01	POUNDS PER TON	AP42		75	0.43
PARTICULATE MATTER	2.40E-01	POUNDS PER TON	AP42		75	0.51
SULFUR DIOXIDE						0.00
NITROGEN OXIDES						0.00
VOLATILE ORGANIC COMPOUNDS						0.00
CARBON MONOXIDE						0.00
LEAD						0.00
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 10 of 34

EMISSION POINTS

(4) Emission Point ID: EP-13 (5) Emission Point Description: ACTIVE ASH POND

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-14A (8) SCC No: 30501049
 (9) Description of Process: ACTIVE ASH POND
 (10) Raw Material: ASH
 (11) Actual Throughput (Yearly Total): 21.00
 (12) Units Raw Material: ACRE YEARS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-11

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.52E+02	POUNDS PER ACRE YEAR	AP42 - PARTITIONING FACTOR 13.2.5		90	0.16
PM-10	3.80E+02	POUNDS PER ACRE YEAR	AP42		90	0.40
PARTICULATE MATTER	7.60E+02	POUNDS PER ACRE YEAR	AP42		90	0.80
SULFUR DIOXIDE						0.00
NITROGEN OXIDES						0.00
VOLATILE ORGANIC COMPOUNDS						0.00
CARBON MONOXIDE						0.00
LEAD						0.00
AMMONIA						

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 11 of 34

EMISSION POINTS

(4) Emission Point ID: EP-15 (5) Emission Point Description: ACTIVE ASH POND

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-14B (8) SCC No: 30500707
 (9) Description of Process: ACTIVE ASH POND TRUCK UNLOADING
 (10) Raw Material: FLYASH
 (11) Actual Throughput (Yearly Total): 6,347.64
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>87</u>	<u>8</u>	<u>5</u>	<u>2</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>13</u>	<u>8</u>	<u>3</u>	<u>1</u>
<u>OCT</u>	<u>DEC</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.79E-05</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.00</u>
PM-10	<u>8.89E-05</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.00</u>
PARTICULATE MATTER	<u>1.88E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.00</u>
SULFUR DIOXIDE						
NITROGEN OXIDES						
VOLATILE ORGANIC COMPOUNDS						
CARBON MONOXIDE						
LEAD						
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 13 of 34

EMISSION POINTS

(4) Emission Point ID: EP-17 (5) Emission Point Description: TEMPORARY ASH STORAGE AREA

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-15B (8) SCC No: 30500707
 (9) Description of Process: TEMPORARY ASH STORAGE TRUCK UNLOADING
 (10) Raw Material: FLYASH
 (11) Actual Throughput (Yearly Total): 0.00
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.79E-05</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.00</u>
PM-10	<u>8.89E-05</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.00</u>
PARTICULATE MATTER	<u>1.88E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.00</u>
SULFUR DIOXIDE		<u>NONE</u>				
NITROGEN OXIDES						
VOLATILE ORGANIC COMPOUNDS						
CARBON MONOXIDE						
LEAD						
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 14 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-2 (8) SCC No: 10101302
 (9) Description of Process: UTILITY BOILER, USED OIL COMBUSTION
 (10) Raw Material: WASTE OIL
 (11) Actual Throughput (Yearly Total): 0.00
 (12) Units Raw Material: 1000 GALLONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-3

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-4

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	2.88E+01	POUNDS PER 1000 GALLONS	AP42	.00	95	0.00
PM-10	5.10E+01	POUNDS PER 1000 GALLONS	AP42	.00	95	0.00
PARTICULATE MATTER	6.10E+01	POUNDS PER 1000 GALLONS	AP42	.00	95	0.00
SULFUR DIOXIDE	1.47E+02	POUNDS PER 1000 GALLONS	AP42	.00		0.00
NITROGEN OXIDES	2.00E+01	POUNDS PER 1000 GALLONS	AP42			0.00
VOLATILE ORGANIC COMPOUNDS	1.00E+00	POUNDS PER 1000 GALLONS	AP42			0.00
CARBON MONOXIDE	5.00E+00	POUNDS PER 1000 GALLONS	AP42			0.00
LEAD						0.00
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 15 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-2 (8) SCC No: 10100601
 (9) Description of Process: UTILITY BOILER NATURAL GAS CONSUMPTION
 (10) Raw Material: NATURAL GAS
 (11) Actual Throughput (Yearly Total): 119.771
 (12) Units Raw Material: MILLION CUBIC FEET

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>36</u>	<u>24</u>	<u>7</u>	<u>12</u>
<u>APR</u>	<u>JUN</u>	<u>10</u>	<u>24</u>	<u>7</u>	<u>3</u>
<u>JUL</u>	<u>SEP</u>	<u>13</u>	<u>24</u>	<u>7</u>	<u>4</u>
<u>OCT</u>	<u>DEC</u>	<u>41</u>	<u>24</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-3

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-4

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	7.60E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.46
PM-10	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.46
PARTICULATE MATTER	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.46
SULFUR DIOXIDE	6.00E-01	POUNDS PER MILLION CUBIC FEET	FIRE			0.04
NITROGEN OXIDES	2.80E+02	POUNDS PER MILLION CUBIC FEET	FIRE			16.77
VOLATILE ORGANIC COMPOUNDS	5.50E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.33
CARBON MONOXIDE	8.40E+01	POUNDS PER MILLION CUBIC FEET	FIRE			5.03
LEAD						0.00
AMMONIA	3.20E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.19
FORMALDEHYDE	7.50E-02	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
HEXANE	1.80E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.11

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 16 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-2 (8) SCC No: 10100222
 (9) Description of Process: UTILITY BOILER, PULVERIZED COAL, DRY BOTTOM
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 55,899.031
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>36</u>	<u>24</u>	<u>7</u>	<u>12</u>
<u>APR</u>	<u>JUN</u>	<u>10</u>	<u>24</u>	<u>7</u>	<u>3</u>
<u>JUL</u>	<u>SEP</u>	<u>13</u>	<u>24</u>	<u>7</u>	<u>4</u>
<u>OCT</u>	<u>DEC</u>	<u>41</u>	<u>24</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-3

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-4

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.33E-02	POUNDS PER MILLION BTU	OTHER - PARTITIONING FACTOR APPLIED TO PM COMPLIANCE TEST			6.53
PM-10	3.08E-02	POUNDS PER MILLION BTU	OTHER - PM COMPLIANCE TEST			15.09
PARTICULATE MATTER	4.60E-02	POUNDS PER MILLION BTU	OTHER - PM COMPLIANCE TEST			22.53
SULFUR DIOXIDE	3.50E+01	POUNDS PER TON	FIRE	.39		381.51
NITROGEN OXIDES	1.20E+01	POUNDS PER TON	FIRE			335.39
VOLATILE ORGANIC COMPOUNDS	6.00E-02	POUNDS PER TON	FIRE			1.68
CARBON MONOXIDE	5.00E-01	POUNDS PER TON	FIRE			13.97
LEAD						0.00
AMMONIA	5.65E-04	POUNDS PER TON	FIRE			0.02
FORMALDEHYDE	2.40E-04	POUNDS PER TON	FIRE			0.01
PROPIONALDEHYDE	3.80E-04	POUNDS PER TON	FIRE			0.01
ARSENIC COMPOUNDS	4.10E-04	POUNDS PER TON	FIRE			0.01
MERCURY COMPOUNDS	1.07E-04	POUNDS PER TON	OTHER - COAL ANALYSIS			0.00
METHYL HYDRAZINE	1.70E-04	POUNDS PER TON	FIRE			0.00
METHYL ETHYL KETONE	3.90E-04	POUNDS PER TON	FIRE			0.01
TOLUENE	2.40E-04	POUNDS PER TON	FIRE			0.01
ACROLEIN	2.90E-04	POUNDS PER TON	FIRE			0.01
HYDROCHLORIC ACID	1.30E-01	POUNDS PER TON	OTHER - COAL ANALYSIS			3.63
DICHLOROMETHANE	2.90E-04	POUNDS PER TON	FIRE			0.01
BENZYL CHLORIDE	7.00E-04	POUNDS PER TON	FIRE			0.02
HYDROGEN FLUORIDE	6.91E-02	POUNDS PER TON	OTHER - COAL ANALYSIS			1.93
ISOPHORONE	5.80E-04	POUNDS PER TON	FIRE			0.02

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
ACETALDEHYDE	5.70E-04	POUNDS PER TON	FIRE			0.02
METHYL CHLORIDE	5.30E-04	POUNDS PER TON	FIRE			0.01
CHROMIUM COMPOUNDS	3.39E-04	POUNDS PER TON	FIRE			0.01
CYANIDE COMPOUNDS	2.50E-03	POUNDS PER TON	FIRE			0.07
BROMOMETHANE	1.60E-04	POUNDS PER TON	FIRE			0.00
MANGANESE COMPOUNDS	4.90E-04	POUNDS PER TON	FIRE			0.01
NICKEL COMPOUNDS	2.80E-04	POUNDS PER TON	FIRE			0.01
LEAD COMPOUNDS	4.20E-04	POUNDS PER TON	FIRE			0.01
SELENIUM COMPOUNDS	1.30E-03	POUNDS PER TON	FIRE			0.04
BENZENE	1.30E-03	POUNDS PER TON	FIRE			0.04

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 17 of 34

EMISSION POINTS

(4) Emission Point ID: EP-22 (5) Emission Point Description: SANDBLASTING - OUTSIDE

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-27 (8) SCC No: 30900202
 (9) Description of Process: SANDBLASTING (OUTSIDE)
 (10) Raw Material: SAND
 (11) Actual Throughput (Yearly Total): 0.00
 (12) Units Raw Material: POUNDS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.30E+00	POUNDS PER 1000 POUNDS	FIRE			0.00
PM-10	1.30E+01	POUNDS PER 1000 POUNDS	FIRE			0.00
PARTICULATE MATTER	9.10E+01	POUNDS PER 1000 POUNDS	FIRE			0.00
SULFUR DIOXIDE						0.00
NITROGEN OXIDES						0.00
VOLATILE ORGANIC COMPOUNDS						0.00
CARBON MONOXIDE						0.00
LEAD						0.00
AMMONIA						0.00

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692

(3) Page 18 of 34

EMISSION POINTS(4) Emission Point ID
EP-1 (5) Emission Point Description
BOILER #7-#8-#9 COMMON STACK**PROCESS INFORMATION**(6) Emission Year: 2006 (7) Emission Unit No: EU-3 (8) SCC No: 10100222(9) Description of Process: UTILITY BOILER, PULVERIZED COAL, DRY BOTTOM(10) Raw Material: SUBBITUMINOUS COAL(11) Actual Throughput (Yearly Total): 52,479.809(12) Units Raw Material: TONS**ACTUAL OPERATING RATES/SCHEDULE**

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>24</u>	<u>7</u>	<u>10</u>
<u>APR</u>	<u>JUN</u>	<u>37</u>	<u>24</u>	<u>7</u>	<u>12</u>
<u>JUL</u>	<u>SEP</u>	<u>27</u>	<u>24</u>	<u>7</u>	<u>9</u>
<u>OCT</u>	<u>DEC</u>	<u>7</u>	<u>24</u>	<u>7</u>	<u>2</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'SCE-4**(18) ASSOCIATED MONITORING EQUIPMENT ID'S**ME-4**ACTUAL EMISSIONS**

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.33E-02	POUNDS PER MILLION BTU	OTHER - PARTITIONING FACTOR APPLIED TO PM COMPLIANCE TEST			6.13
PM-10	3.08E-02	POUNDS PER MILLION BTU	OTHER - PM COMPLIANCE TEST			14.16
PARTICULATE MATTER	4.60E-02	POUNDS PER MILLION BTU	OTHER - PM COMPLIANCE TEST			21.15
SULFUR DIOXIDE	3.50E+01	POUNDS PER TON	FIRE	.39		358.17
NITROGEN OXIDES	1.20E+01	POUNDS PER TON	FIRE			314.88
VOLATILE ORGANIC COMPOUNDS	6.00E-02	POUNDS PER TON	FIRE			1.57
CARBON MONOXIDE	5.00E-01	POUNDS PER TON	FIRE			13.12
LEAD		POUNDS PER TON				0.00
AMMONIA	5.65E-04	POUNDS PER TON	FIRE			0.01
FORMALDEHYDE	2.40E-04	POUNDS PER TON	FIRE			0.01
PROPIONALDEHYDE	3.80E-04	POUNDS PER TON	FIRE			0.01
CYANIDE COMPOUNDS	2.50E-03	POUNDS PER TON	FIRE			0.07
LEAD COMPOUNDS	4.20E-04	POUNDS PER TON	FIRE			0.01
BENZENE	1.30E-03	POUNDS PER TON	FIRE			0.03
CHROMIUM COMPOUNDS	3.39E-04	POUNDS PER TON	FIRE			0.01
TOLUENE	2.40E-04	POUNDS PER TON	FIRE			0.01
ACROLEIN	2.90E-04	POUNDS PER TON	FIRE			0.01
ISOPHORONE	5.80E-04	POUNDS PER TON	FIRE			0.02
HYDROGEN FLUORIDE	6.91E-02	POUNDS PER TON	OTHER - COAL ANALYSIS			1.81
BENZYL CHLORIDE	7.00E-04	POUNDS PER TON	FIRE			0.02
METHYL ETHYL KETONE	3.90E-04	POUNDS PER TON	FIRE			0.01
ARSENIC COMPOUNDS	4.10E-04	POUNDS PER TON	FIRE			0.01

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
HYDROCHLORIC ACID	1.30E-01	POUNDS PER TON	OTHER - COAL ANALYSIS			3.41
DICHLOROMETHANE	2.90E-04	POUNDS PER TON	FIRE			0.01
MANGANESE COMPOUNDS	4.90E-04	POUNDS PER TON	FIRE			0.01
NICKEL COMPOUNDS	2.80E-04	POUNDS PER TON	FIRE			0.01
ACETALDEHYDE	5.70E-04	POUNDS PER TON	FIRE			0.01
SELENIUM COMPOUNDS	1.30E-03	POUNDS PER TON	FIRE			0.03
METHYL CHLORIDE	5.30E-04	POUNDS PER TON	FIRE			0.01

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 19 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-3 (8) SCC No: 10101302
 (9) Description of Process: UTILITY BOILER, USED OIL CONSUMPTION
 (10) Raw Material: WASTE OIL
 (11) Actual Throughput (Yearly Total): 0.00
 (12) Units Raw Material: 1000 GALLONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-4

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-4

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	2.88E+01	POUNDS PER 1000 GALLONS	AP42	.00	95	0.00
PM-10	5.10E+01	POUNDS PER 1000 GALLONS	AP42	.00	95	0.00
PARTICULATE MATTER	6.10E+01	POUNDS PER 1000 GALLONS	AP42	.00	95	0.00
SULFUR DIOXIDE	1.47E+02	POUNDS PER 1000 GALLONS	AP42	.00		0.00
NITROGEN OXIDES	2.00E+01	POUNDS PER 1000 GALLONS	AP42			0.00
VOLATILE ORGANIC COMPOUNDS	1.00E+00	POUNDS PER 1000 GALLONS	AP42			0.00
CARBON MONOXIDE	5.00E+00	POUNDS PER 1000 GALLONS	AP42			0.00
LEAD	1.68E+00	POUNDS PER 1000 GALLONS	AP42			0.00
AMMONIA						0.00

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 20 of 34

EMISSION POINTS

(4) Emission Point ID: EP-1 (5) Emission Point Description: BOILER #7-#8-#9 COMMON STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-3 (8) SCC No: 10100601
 (9) Description of Process: UTILITY BOILER NATURAL GAS CONSUMPTION
 (10) Raw Material: NATURAL GAS
 (11) Actual Throughput (Yearly Total): 142.054
 (12) Units Raw Material: MILLION CUBIC FEET

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>24</u>	<u>7</u>	<u>10</u>
<u>APR</u>	<u>JUN</u>	<u>37</u>	<u>24</u>	<u>7</u>	<u>12</u>
<u>JUL</u>	<u>SEP</u>	<u>27</u>	<u>24</u>	<u>7</u>	<u>9</u>
<u>OCT</u>	<u>DEC</u>	<u>7</u>	<u>24</u>	<u>7</u>	<u>2</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-4

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ME-4

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	7.60E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.54
PM-10	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.54
PARTICULATE MATTER	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.54
SULFUR DIOXIDE	6.00E-01	POUNDS PER MILLION CUBIC FEET	FIRE			0.04
NITROGEN OXIDES	2.80E+02	POUNDS PER MILLION CUBIC FEET	FIRE			19.89
VOLATILE ORGANIC COMPOUNDS	5.50E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.39
CARBON MONOXIDE	8.40E+01	POUNDS PER MILLION CUBIC FEET	FIRE			5.97
LEAD						0.00
AMMONIA	3.20E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.23
FORMALDEHYDE	7.50E-02	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
HEXANE	1.80E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.13

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 21 of 34**EMISSION POINTS**(4) Emission Point ID
EP-2 (5) Emission Point Description
BOILER #6 STACK**PROCESS INFORMATION**(6) Emission Year: 2006 (7) Emission Unit No: EU-4 (8) SCC No: 10100601(9) Description of Process: UTILITY BOILER NATURAL GAS COMBUSTION(10) Raw Material: NATURAL GAS(11) Actual Throughput (Yearly Total): 16.712(12) Units Raw Material: MILLION CUBIC FEET**ACTUAL OPERATING RATES/SCHEDULE**

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>96</u>	<u>24</u>	<u>4</u>	<u>3</u>
<u>APR</u>	<u>JUN</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>JUL</u>	<u>SEP</u>	<u>3</u>	<u>8</u>	<u>4</u>	<u>2</u>
<u>OCT</u>	<u>DEC</u>	<u>1</u>	<u>8</u>	<u>2</u>	<u>1</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'SCE-5**(18) ASSOCIATED MONITORING EQUIPMENT ID'S****ACTUAL EMISSIONS**

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	7.60E+00	POUNDS PER MILLION CUBIC FEET	AP42			0.06
PM-10	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.06
PARTICULATE MATTER	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.06
SULFUR DIOXIDE	6.00E-01	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
NITROGEN OXIDES	2.80E+02	POUNDS PER MILLION CUBIC FEET	FIRE			2.34
VOLATILE ORGANIC COMPOUNDS	5.50E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.05
CARBON MONOXIDE	8.40E+01	POUNDS PER MILLION CUBIC FEET	FIRE			0.70
LEAD						0.00
AMMONIA	3.20E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.03
HEXANE	1.80E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.02

SUPPORTING DOCUMENTS

Supporting Documents:

Description:

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692

(3) Page 22 of 34

EMISSION POINTS(4) Emission Point ID
EP-2(5) Emission Point Description
BOILER #6 STACK**PROCESS INFORMATION**

(6) Emission Year: 2006 (7) Emission Unit No: EU-4 (8) SCC No: 10100222

(9) Description of Process: UTILITY BOILER, PULVERIZED COAL, DRY BOTTOM

(10) Raw Material: SUBBITUMINOUS COAL

(11) Actual Throughput (Yearly Total): 5,209.67

(12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
JAN	MAR	100	24	4	3
APR	JUN	0	0	0	0
JUL	SEP	0	0	0	0
OCT	DEC	0	0	0	0

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-5

(18) ASSOCIATED MONITORING EQUIPMENT ID'S**ACTUAL EMISSIONS**

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.03E-02	POUNDS PER MILLION BTU	OTHER - PARTITIONING FACTOR APPLIED TO PM COMPLIANCE TEST			0.47
PM-10	2.39E-02	POUNDS PER MILLION BTU	OTHER - PM COMPLIANCE TEST			1.09
PARTICULATE MATTER	3.57E-02	POUNDS PER MILLION BTU	OTHER - PM COMPLIANCE TEST			1.63
SULFUR DIOXIDE	3.50E+01	POUNDS PER TON	FIRE	.39		35.56
NITROGEN OXIDES	1.20E+01	POUNDS PER TON	FIRE			31.26
VOLATILE ORGANIC COMPOUNDS	6.00E-02	POUNDS PER TON	FIRE			0.16
CARBON MONOXIDE	5.00E-01	POUNDS PER TON	FIRE			1.30
LEAD		POUNDS PER TON				0.00
AMMONIA	5.65E-04	POUNDS PER TON	FIRE			0.00
CYANIDE COMPOUNDS	2.50E-03	POUNDS PER TON	FIRE			0.01
HYDROGEN FLUORIDE	6.91E-02	POUNDS PER TON	OTHER - COAL ANALYSIS			0.18
HYDROCHLORIC ACID	1.30E-02	POUNDS PER TON	OTHER - COAL ANALYSIS			0.34

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 23 of 34

EMISSION POINTS

(4) Emission Point ID _____ (5) Emission Point Description _____

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-44 (8) SCC No: 10500206
 (9) Description of Process: REGENERATION HEATER EXHAUST - LNG
 (10) Raw Material: NATURAL GAS
 (11) Actual Throughput (Yearly Total): 2.661
 (12) Units Raw Material: MILLION CUBIC FEET

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>58.5</u>	<u>24</u>	<u>7</u>	<u>8</u>
<u>JUL</u>	<u>SEP</u>	<u>11.5</u>	<u>24</u>	<u>7</u>	<u>2</u>
<u>OCT</u>	<u>DEC</u>	<u>30</u>	<u>24</u>	<u>7</u>	<u>4</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	8.70E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
PM-10	8.70E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
PARTICULATE MATTER	8.70E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
SULFUR DIOXIDE	6.00E-01	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
NITROGEN OXIDES	1.00E+02	POUNDS PER MILLION CUBIC FEET	FIRE			0.13
VOLATILE ORGANIC COMPOUNDS	5.30E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
CARBON MONOXIDE	2.00E+01	POUNDS PER MILLION CUBIC FEET	FIRE			0.03
LEAD						0.00
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 24 of 34

EMISSION POINTS

(4) Emission Point ID: EP-3 (5) Emission Point Description: FUGITIVE COAL DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-5A (8) SCC No: 30501008
 (9) Description of Process: COAL UNLOADING
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 928,025.31
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>31</u>	<u>10</u>	<u>6</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>23</u>	<u>10</u>	<u>6</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>25</u>	<u>10</u>	<u>6</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>21</u>	<u>10</u>	<u>6</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.30E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.01</u>
PM-10	<u>7.20E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.04</u>
PARTICULATE MATTER	<u>1.52E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.09</u>
SULFUR DIOXIDE						<u>0.00</u>
NITROGEN OXIDES						<u>0.00</u>
VOLATILE ORGANIC COMPOUNDS						<u>0.00</u>
CARBON MONOXIDE						<u>0.00</u>
LEAD						<u>0.00</u>
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 25 of 34

EMISSION POINTS

(4) Emission Point ID: EP-4 (5) Emission Point Description: FUGITIVE COAL DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-5B (8) SCC No: 30501046
 (9) Description of Process: VEHICLE ACTIVITY ON COAL PILE
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 6,390.00
 (12) Units Raw Material: HOURS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>24</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>18</u>	<u>6</u>	<u>6</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	6.30E-01	POUNDS PER HOUR	AP42			2.01
PM-10	5.54E+00	POUNDS PER HOUR	AP42			17.70
PARTICULATE MATTER	2.86E+01	POUNDS PER HOUR	AP42			91.31
SULFUR DIOXIDE						
NITROGEN OXIDES						
VOLATILE ORGANIC COMPOUNDS						
CARBON MONOXIDE						
LEAD						
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 26 of 34

EMISSION POINTS

(4) Emission Point ID: EP-3 (5) Emission Point Description: FUGITIVE COAL DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-5C (8) SCC No: 30501011
 (9) Description of Process: FEEDER TO CONVEYOR A
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 928,025.31
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>31</u>	<u>10</u>	<u>6</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>23</u>	<u>10</u>	<u>6</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>25</u>	<u>10</u>	<u>6</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>21</u>	<u>10</u>	<u>6</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>4.60E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.03</u>
PM-10	<u>1.44E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.08</u>
PARTICULATE MATTER	<u>3.04E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.18</u>
SULFUR DIOXIDE						
NITROGEN OXIDES						
VOLATILE ORGANIC COMPOUNDS						
CARBON MONOXIDE						
LEAD						
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 27 of 34

EMISSION POINTS

(4) Emission Point ID: EP-5 (5) Emission Point Description: COAL STOCK OUT PILE-FUGITIVE DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-6A (8) SCC No: 30501011
 (9) Description of Process: STOCKOUT PILE BOOM CONVEYOR
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 450,289.00
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>24</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>18</u>	<u>6</u>	<u>6</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.30E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.05</u>
PM-10	<u>7.20E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.16</u>
PARTICULATE MATTER	<u>1.52E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.34</u>
SULFUR DIOXIDE						<u>0.00</u>
NITROGEN OXIDES						<u>0.00</u>
VOLATILE ORGANIC COMPOUNDS						<u>0.00</u>
CARBON MONOXIDE						<u>0.00</u>
LEAD						<u>0.00</u>
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 28 of 34

EMISSION POINTS

(4) Emission Point ID: EP-5 (5) Emission Point Description: COAL STOCK OUT PILE-FUGITIVE DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-6B (8) SCC No: 30501011
 (9) Description of Process: STOCKOUT PILE DEPOSIT
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 450,289.00
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>24</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>18</u>	<u>6</u>	<u>6</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.30E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.05</u>
PM-10	<u>7.20E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.16</u>
PARTICULATE MATTER	<u>1.52E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.34</u>
SULFUR DIOXIDE						<u>0.00</u>
NITROGEN OXIDES						<u>0.00</u>
VOLATILE ORGANIC COMPOUNDS						<u>0.00</u>
CARBON MONOXIDE						<u>0.00</u>
LEAD						<u>0.00</u>
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 29 of 34

EMISSION POINTS

(4) Emission Point ID: EP-5 (5) Emission Point Description: COAL STOCK OUT PILE-FUGITIVE DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-6C (8) SCC No: 30501011
 (9) Description of Process: STOCKOUT PILE S-BELT
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 450,289.00
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>29</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>24</u>	<u>6</u>	<u>6</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>18</u>	<u>6</u>	<u>6</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.30E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.05</u>
PM-10	<u>7.20E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.16</u>
PARTICULATE MATTER	<u>1.52E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>			<u>0.34</u>
SULFUR DIOXIDE						<u>0.00</u>
NITROGEN OXIDES						<u>0.00</u>
VOLATILE ORGANIC COMPOUNDS						<u>0.00</u>
CARBON MONOXIDE						<u>0.00</u>
LEAD						<u>0.00</u>
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 30 of 34

EMISSION POINTS

(4) Emission Point ID: EP-5 (5) Emission Point Description: COAL STOCK OUT PILE-FUGITIVE DUST

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-6D (8) SCC No: 30501043
 (9) Description of Process: STOCK PILE WIND EROSION
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 4.70
 (12) Units Raw Material: ACRE YEARS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>25</u>	<u>24</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	1.94E+02	POUNDS PER ACRE YEAR	OTHER - EPA 450/3-88-008			0.46
PM-10	4.84E+02	POUNDS PER ACRE YEAR	OTHER - EPA 450/3-88-008			1.14
PARTICULATE MATTER	9.68E+02	POUNDS PER ACRE YEAR	OTHER - EPA 450/3-88-008			2.28
SULFUR DIOXIDE						0.00
NITROGEN OXIDES						0.00
VOLATILE ORGANIC COMPOUNDS						0.00
CARBON MONOXIDE						0.00
LEAD						0.00
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 31 of 34

EMISSION POINTS

(4) Emission Point ID: EP-6 (5) Emission Point Description: JUNCTION TOWER DUST COLLECTOR STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-7 (8) SCC No: 30501011
 (9) Description of Process: COAL HAND. AT TRANSFER TOWER
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 931,571.00
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>3</u>	<u>7</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>28</u>	<u>3</u>	<u>7</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>28</u>	<u>3</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>15</u>	<u>3</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.30E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.01</u>
PM-10	<u>7.20E-04</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.04</u>
PARTICULATE MATTER	<u>1.52E-03</u>	<u>POUNDS PER TON</u>	<u>AP42</u>		<u>87.5</u>	<u>0.09</u>
SULFUR DIOXIDE						<u>0.00</u>
NITROGEN OXIDES						<u>0.00</u>
VOLATILE ORGANIC COMPOUNDS						<u>0.00</u>
CARBON MONOXIDE						<u>0.00</u>
LEAD						<u>0.00</u>
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 32 of 34

EMISSION POINTS

(4) Emission Point ID: EP-70 (5) Emission Point Description: VAPORIZER #1 - LNG

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-70 (8) SCC No: 10200602
 (9) Description of Process: LNG PROCESS HEATER/VAPORIZER #1
 (10) Raw Material: NATURAL GAS
 (11) Actual Throughput (Yearly Total): 0.229
 (12) Units Raw Material: MILLION CUBIC FEET

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>76</u>	<u>6</u>	<u>2</u>	<u>1</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>24</u>	<u>4</u>	<u>1</u>	<u>1</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
PM-10	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
PARTICULATE MATTER	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
SULFUR DIOXIDE	6.00E-01	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
NITROGEN OXIDES	1.00E+02	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
VOLATILE ORGANIC COMPOUNDS	5.50E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
CARBON MONOXIDE	8.40E+01	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
LEAD						
AMMONIA	3.20E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 33 of 34

EMISSION POINTS

(4) Emission Point ID: EP-71 (5) Emission Point Description: VAPORIZER #2 - LNG

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-71 (8) SCC No: 10200602
 (9) Description of Process: LNG PROCESS HEATER/VAPORIZER #2
 (10) Raw Material: NATURAL GAS
 (11) Actual Throughput (Yearly Total): 0.229
 (12) Units Raw Material: MILLION CUBIC FEET

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>APR</u>	<u>JUN</u>	<u>76</u>	<u>6</u>	<u>1</u>	<u>1</u>
<u>JUL</u>	<u>SEP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>OCT</u>	<u>DEC</u>	<u>24</u>	<u>4</u>	<u>1</u>	<u>1</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
PM-10	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
PARTICULATE MATTER	7.60E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
SULFUR DIOXIDE	6.00E-01	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
NITROGEN OXIDES	1.00E+02	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
VOLATILE ORGANIC COMPOUNDS	5.50E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00
CARBON MONOXIDE	8.40E+01	POUNDS PER MILLION CUBIC FEET	FIRE			0.01
LEAD						
AMMONIA	3.20E+00	POUNDS PER MILLION CUBIC FEET	FIRE			0.00

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____

FORM 4.0 EMISSION UNIT - ACTUAL OPERATIONS AND EMISSIONS

(1) Company/Facility Name: MIDAMERICAN ENERGY CO - RIVERSIDE (2) EIQ No: 92-2692 (3) Page 34 of 34

EMISSION POINTS

(4) Emission Point ID: EP-8A (5) Emission Point Description: TRIPPER AREA DUST COLLECTOR STACK

PROCESS INFORMATION

(6) Emission Year: 2006 (7) Emission Unit No: EU-9 (8) SCC No: 30501011
 (9) Description of Process: BOILER MILL FEEDERS COAL HANDLING AT BUNKER HOUSE
 (10) Raw Material: COAL
 (11) Actual Throughput (Yearly Total): 481,282.00
 (12) Units Raw Material: TONS

ACTUAL OPERATING RATES/SCHEDULE

Begin Month	End Month	(13) Percent of Total Operating Time	(14) Hours/Day	(15) Days/Week	(16) Weeks/Quarter
<u>JAN</u>	<u>MAR</u>	<u>29</u>	<u>3</u>	<u>7</u>	<u>13</u>
<u>APR</u>	<u>JUN</u>	<u>28</u>	<u>3</u>	<u>7</u>	<u>13</u>
<u>JUL</u>	<u>SEP</u>	<u>28</u>	<u>3</u>	<u>7</u>	<u>13</u>
<u>OCT</u>	<u>DEC</u>	<u>15</u>	<u>3</u>	<u>7</u>	<u>13</u>

(17) ASSOCIATED CONTROL EQUIPMENT ID'S

CE-14

(18) ASSOCIATED MONITORING EQUIPMENT ID'S

ACTUAL EMISSIONS

(19) Pollutant	(20) Emission Factor	(21) Emission Factor Units	(22) Source of Emission Factor	(23) Ash or Sulfur %	(24) Combined Control Effic. %	(25) Actual Emissions (tons/year)
PM-2.5	<u>2.54E-03</u>	<u>POUNDS PER TON</u>	<u>OTHER - PM10 COMPLIANCE TEST</u>			<u>0.61</u>
PM-10	<u>2.54E-03</u>	<u>POUNDS PER TON</u>	<u>OTHER - PM10 COMPLIANCE TEST</u>			<u>0.61</u>
PARTICULATE MATTER	<u>3.18E-03</u>	<u>POUNDS PER TON</u>	<u>OTHER - PM COMPLIANCE TEST</u>			<u>0.76</u>
SULFUR DIOXIDE						<u>0.00</u>
NITROGEN OXIDES						<u>0.00</u>
VOLATILE ORGANIC COMPOUNDS						<u>0.00</u>
CARBON MONOXIDE						<u>0.00</u>
LEAD						<u>0.00</u>
AMMONIA						

SUPPORTING DOCUMENTS

Supporting Documents: _____ Description: _____