

ADEQ

ARKANSAS
Department of Environmental Quality

JUL 7 2010

Lacey Ivey, Environmental Specialist
CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station
P.O. Box 21734
Shreveport, LA 71151

Dear Ms. Ivey:

The enclosed Permit No. 1433-AOP-R5 is issued pursuant to the Arkansas Operating Permit Program, Regulation # 26.

After considering the facts and requirements of A.C.A. §8-4-101 et seq., and implementing regulations, I have determined that Permit No. 1433-AOP-R5 for the construction, operation and maintenance of an air pollution control system for CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station to be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under Arkansas Department of Pollution Control & Ecology Commission's Administrative Procedures, Regulation 8.603, within thirty (30) days after service of this decision.

All persons submitting written comments during the thirty (30) day, and all other persons entitled to do so, may request an adjudicatory hearing and Commission review on whether the decision of the Director should be reversed or modified. Such a request shall be in the form and manner required by Regulation 8.603, including filing a written Request for Hearing with the APC&E Commission Secretary at 101 E. Capitol Ave., Suite 205, Little Rock, Arkansas 72201. If you have any questions about filing the request, please call the Commission at 501-682-7890.

Sincerely,



Mike Bates
Chief, Air Division

RESPONSE TO COMMENTS

CENTERPOINT ENERGY - MISSISSIPPI RIVER TRANS. CORP. - FOUNTAIN HILL COMPRESSOR STATION PERMIT #1433-AOP-R5 AFIN: 02-00065

On April 26, 2010, the Director of the Arkansas Department of Environmental Quality gave notice of a draft permitting decision for the above referenced facility. During the comment period, written comments on the draft permitting decision were submitted by Lacey Ivey, on behalf of the facility (CGET). The Department's response to these issues follows.

Note: The following page numbers and condition numbers refer to the draft permit. These references may have changed in the final permit based on changes made during the comment period.

Comment #1: In Specific Conditions Sources SN-01 through SN-08 in the Source Description it lists the AFRC as an emission control. Only the NSCR is an emission control, the AFRC is an operational control.

Response to Comment #1: The Department will revise the SN-01 through SN-08 source description as requested by CGET as shown below.

SN-01 through SN-08 Gas Compressor Engine, Ingersoll-Rand KVG-8

Source Description

Source SN-01 through SN-08 are 880 HP Ingersoll-Rand KVG-8 four stroke rich-burn engines used to drive compressors which pressurize natural gas. SN-06 and SN-07 are equipped with NSCR/~~AFRC~~ emission controls (~~Continental Controls ECV5 and VMI 600~~) to reduce NO_x and CO emissions. SN-07 shall be modified with the NSCR/~~AFRC~~ controls within 180 days after Permit 1433-AOP-R4 was issued (March 1, 2010). SN-06 shall be modified with the NSCR/~~AFRC~~ controls within 180 days after Permit 1433-AOP-R5 is issued. The engines are powered by pipeline quality natural gas.

Comment #2: In the same section it lists specifically, the Continental Controls ECV5 and VMI 6000. CGET would like to not specify what make and model of the NSCR. Any NSCR added would only be considered if it is guaranteed to meet the permitted limits.

Response to Comment #2: The Department will revise the Source Description as requested by CGET as shown in the Response to Comment # 1.

Comment #3: In Specific Conditions for SN-06 and SN-07, the description should only list those units will have NSCR. This should be modified for the criteria pollutants as well as the HAPS.

Response to Comment #3: The Department will revise the tables in Specific Conditions 1 and 2 as requested by CGET.

- The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by using natural gas to fire the engines and operating at or below the maximum capacity of the equipment. [Regulation 19, §19.501 et seq., and 40 CFR Part 52, Subpart E]

SN	Description	Pollutant	lb/hr	tpy
06	Gas Compressor Engine, Ingersoll-Rand KVG-8 with Continental Controls ECV5 and VMI-600 NSCR (Installed/Modified – 1950)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	3.7	15.9
		NO _x	3.1	13.6
07	Gas Compressor Engine, Ingersoll-Rand KVG-8 with Continental Controls ECV5 and VMI-600 NSCR (Installed/Modified – 1950)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	3.7	15.9
		NO _x	1.6 3.1	6.8 13.6

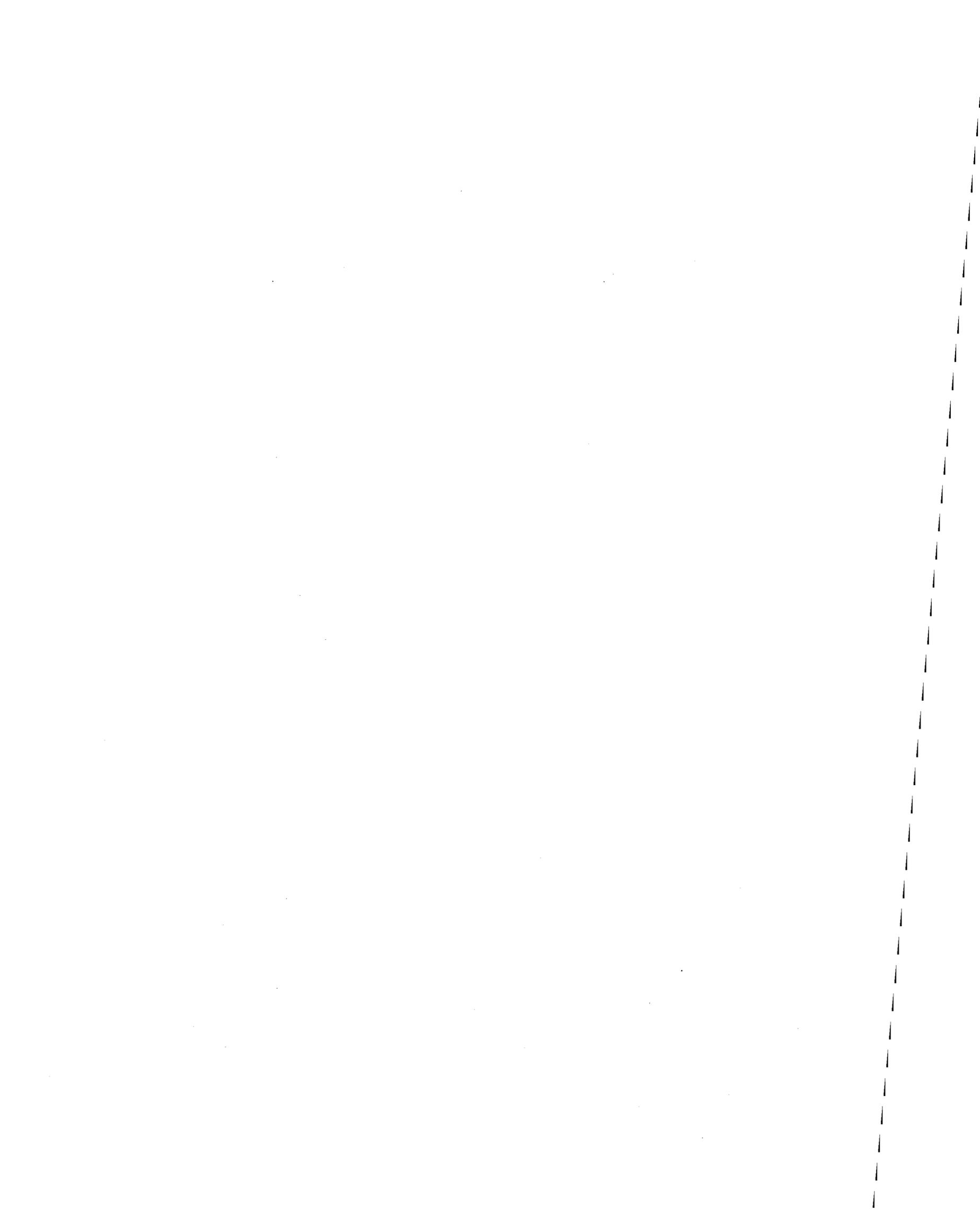
- The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by using natural gas to fire the engines and by operating at or below maximum capacity of the equipment. The HAP emissions listed for this source were based upon published emission factors at the time of permit issuance. Any change in these emission factors will not constitute a violation of the HAP emission rates listed below. [Regulation 18, §18.801, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
06	Gas Compressor Engine, Ingersoll-Rand KVG-8 with NSCR (Installed/Modified – 1950)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07

SN	Description	Pollutant	lb/hr	tpy
07	Gas Compressor Engine, Ingersoll-Rand KVG-8 with Continental Controls ECV5 and VMI-600 NSCR (Installed/Modified – 1950)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07

Comment #4: Originally when CGET started this process, SN-07 was going to have controls added and it was based on the ability of the NSCR to reduce emissions by 95%. The same controls will be installed for SN-06 and SN-07 and so GEGT would like to request that both sets of emission match and show the original NO_x and CO to be reduced by 90% instead of 95%.

Response to Comment #4: The Department will revise the table in Specific Condition as requested by CGET as shown in the Response to Comment #3. The Summary of Emissions, Summary of Permit Activity and Fee Calculation will also be revised.



ADEQ OPERATING AIR PERMIT

Pursuant to the Regulations of the Arkansas Operating Air Permit Program, Regulation 26:

Permit No. : 1433-AOP-R5

IS ISSUED TO:

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill
Compressor Station
409 Ashley 8 Road
Hamburg, AR 71646
Ashley County
AFIN: 02-00065

THIS PERMIT AUTHORIZES THE ABOVE REFERENCED PERMITTEE TO INSTALL, OPERATE, AND MAINTAIN THE EQUIPMENT AND EMISSION UNITS DESCRIBED IN THE PERMIT APPLICATION AND ON THE FOLLOWING PAGES. THIS PERMIT IS VALID BETWEEN:

March 1, 2010 AND February 28, 2015

THE PERMITTEE IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:


Mike Bates
Chief, Air Division

JUL 7 2010

Date

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List of Acronyms and Abbreviations

A.C.A.	Arkansas Code Annotated
AFIN	ADEQ Facility Identification Number
CFR	Code of Federal Regulations
CO	Carbon Monoxide
HAP	Hazardous Air Pollutant
lb/hr	Pound Per Hour
MVAC	Motor Vehicle Air Conditioner
No.	Number
NO _x	Nitrogen Oxide
PM	Particulate Matter
PM ₁₀	Particulate Matter Smaller Than Ten Microns
SNAP	Significant New Alternatives Program (SNAP)
SO ₂	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction Plan
Tpy	Tons Per Year
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station
Permit #: 1433-AOP-R5
AFIN: 02-00065

SECTION I: FACILITY INFORMATION

PERMITTEE: CenterPoint Energy - Mississippi River Trans. Corp. -
Fountain Hill Compressor Station

AFIN: 02-00065

PERMIT NUMBER: 1433-AOP-R5

FACILITY ADDRESS: 409 Ashley 8 Road
Hamburg, AR 71646

MAILING ADDRESS: P.O. Box 21734
Shreveport, LA 71151

COUNTY: Ashley County

CONTACT NAME: Lacey Ivey

CONTACT POSITION: Environmental Specialist

TELEPHONE NUMBER: 318-429-3297

REVIEWING ENGINEER: Michael Lynch

UTM North South (Y): Zone 15: 3688989.79 m

UTM East West (X): Zone 15: 599315.15 m

SECTION II: INTRODUCTION

Summary of Permit Activity

CenterPoint Energy - Mississippi River Transmission (MRT) Corporation owns and operates the Fountain Hill Natural Gas Compressor Station located in Ashley County, Arkansas.

This permit is being issued as a minor modification to allow MRT to apply Non-selective Catalytic Reduction (NSCR) controls with an Air Fuel Ratio Control (AFRC) unit to SN-06 to reduce NO_x and CO emissions. This modification resulted in decreases of 134.6 tpy CO and 114.8 tpy NO_x.

Process Description

The Fountain Hill Compressor Station consists of eight (8) 880 HP Ingersol Rand KVG-8 compressor engines (SN-01 through SN-08), one (1) 275 HP Ingersol Rand PVG-8 electrical generator (SN-09), and one (1) 300 HP Caterpillar G-379 emergency electrical generator (SN-10). Low pressure pipeline gas is pulled off line into the compressor station, and the pressure is increased by compressors which are driven by natural gas fired reciprocating engines, then placed back into the transmission system. This compressor station will use only pipeline-quality natural gas in the firing of the reciprocating compressor engines.

Support equipment includes five (5) entrained liquids (slop) tanks, one (1) used oil storage tank, one (1) lube oil tank, one (1) diesel tank, one (1) gasoline tank, one (1) glycol tank, one (1) used solvent tank, one (1) kerosene tank, one (1) antifreeze mix tank, one (1) wastewater tank, and one (1) Smart Ash incinerator. These units are all insignificant based on Arkansas regulations. Pipeline quality natural gas is the only fuel used by the compressor engines and generators. Oil is used for lubricating purposes only, kerosene is used to clean engine parts, and diesel is used only for mobile equipment.

Regulations

The following table contains the regulations applicable to this permit.

Regulations
Arkansas Air Pollution Control Code, Regulation 18, effective June 18, 2010
Regulations of the Arkansas Plan of Implementation for Air Pollution Control, Regulation 19, effective July 18, 2009
Regulations of the Arkansas Operating Air Permit Program, Regulation 26, effective January 25, 2009

Emission Summary

The following table is a summary of emissions from the facility. This table, in itself, is not an enforceable condition of the permit.

EMISSION SUMMARY				
Source Number	Description	Pollutant	Emission Rates	
			lb/hr	tpy
Total Allowable Emissions		PM	1.0	2.6
		PM ₁₀	1.0	2.6
		SO ₂	1.0	1.0
		VOC	2.6	8.2
		CO	241.8	995.1
		NO _x	202.1	846.2
HAPs		*Formaldehyde	1.13	4.62
		*Methanol	0.18	0.74
		*Acetaldehyde	0.18	0.74
		*Benzene	0.10	0.34
		*Toluene	0.08	0.16
		*Acrolein	0.18	0.58
01	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
		*Acrolein	0.02	0.07

EMISSION SUMMARY				
Source Number	Description	Pollutant	Emission Rates	
			lb/hr	tpy
02	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
		*Acrolein	0.02	0.07
03	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
		*Acrolein	0.02	0.07
04	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
		*Acrolein	0.02	0.07

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station
 Permit #: 1433-AOP-R5
 AFIN: 02-00065

EMISSION SUMMARY				
Source Number	Description	Pollutant	Emission Rates	
			lb/hr	tpy
05	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
*Acrolein	0.02	0.07		
06	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8 with NSCR	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	3.7	15.9
		NO _x	3.1	13.6
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
*Acrolein	0.02	0.07		
07	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8 with NSCR	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	3.7	15.9
		NO _x	3.1	13.6
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
*Acrolein	0.02	0.07		

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station

Permit #: 1433-AOP-R5

AFIN: 02-00065

EMISSION SUMMARY				
Source Number	Description	Pollutant	Emission Rates	
			lb/hr	tpy
08	Gas Compressor Engine, 4 Cycle Rich-Burn, Ingersol-Rand KVG-8	PM	0.1	0.3
		PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
		*Formaldehyde	0.13	0.57
		*Methanol	0.02	0.09
		*Acetaldehyde	0.02	0.09
		*Benzene	0.01	0.04
		*Toluene	0.01	0.02
		*Acrolein	0.02	0.07
09	Electric Generator, Ingersol-Rand PVG	PM	0.1	0.1
		PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	8.2	8.9
		NO _x	5.0	5.4
		*Formaldehyde	0.04	0.04
		*Methanol	0.01	0.01
		*Acetaldehyde	0.01	0.01
		*Benzene	0.01	0.01
		*Acrolein	0.01	0.01
		10	Backup Electrical Generator, Caterpillar G379	PM
PM ₁₀	0.1			0.1
SO ₂	0.1			0.1
VOC	0.1			0.1
CO	9.0			4.0
NO _x	5.5			2.4
*Formaldehyde	0.05			0.02
*Methanol	0.01			0.01
*Acetaldehyde	0.01			0.01
*Benzene	0.01			0.01
*Acrolein	0.01			0.01

*HAPs included in the VOC totals. Other HAPs are not included in any other totals unless specifically stated.

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station
Permit #: 1433-AOP-R5
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SECTION III: PERMIT HISTORY

Fountain Hill Compressor Station began operation in 1949.
Permit 1433-A is the initial air permit for the compressor station.

Permit 1433-AR-1 was issued on August 18, 1994 to Mississippi River Transmission Corporation. This permit was issued to add one lube oil tank and one condensate tank to the permit.

Permit 1433-AOP-R0 was the initial Title V permit issued on December 10, 1998. There were no physical changes to the facility.

Permit 1433-AOP-R1 was issued on September 13, 1999. This permit was issued in order to avoid confusion with the initial Title V permit issued on December 10, 1998, and agreed upon changes in the Permit Appeal Resolution (PAR). The permit No. was changed from R0 to R1. There were no physical changes to the facility.

Permit 1433-AOP-R2 was issued as a renewal for the Title V Operating Permit 1433-AOP-R1. This is an existing operation; no new construction or major modification was proposed. The facility is a major source of criteria pollutants and is therefore subject to Title V requirements. Significant emissions of nitrogen oxides, carbon monoxide and volatile organic compounds are a result of the combustion of natural gas in the compressor engines. Routine blowdowns and piping components are a source of fugitive emissions. Small amounts of particulate matter and sulfur dioxide may be emitted from this facility.

Updated emission factors for the compressor engines were sourced from AP-42, Section 3.2, table 3.2.3, Natural Gas-fired Reciprocating Engines, July 2000 edition. The use of this updated uncontrolled engine emission data resulted in small plantwide permitted emission changes.

Permit 1433-AOP-R3 was issued as a modification for the Title V Operating Air Permit #1433-AOP-R2 in order to satisfy item #2 in the Permit Appeal Resolution, Docket No. 04-005-P, issued by the Arkansas Commission of Pollution Control and Ecology on May 17, 2005. This modification deletes the testing requirements for SN-09 in Plantwide Condition #8, and changes the language used in Plantwide Condition #10 for replacement compressor engines.

Permit 1433-AOP-R4 was issued on March 1, 2010 as the Title V permit renewal with a minor modification to allow MRT to apply Non-selective Catalytic Reduction (NSCR) controls with an Air Fuel Ratio Control (AFRC) unit to SN-07 to reduce NO_x and CO emissions. This modification, along with updated emission factors and rounding, resulted in permitted emissions increases of 0.1 tpy VOC and decreases of 150.4 tpy CO, 128.4 tpy NO_x, 0.02 tpy Methanol, 0.04 tpy Acetaldehyde, 0.05 tpy Benzene, 0.23 tpy Toluene, and 0.20 tpy Acrolein.

SECTION IV: SPECIFIC CONDITIONS

SN-01 through SN-08
 Gas Compressor Engine, Ingersoll-Rand KVG-8

Source Description

Source SN-01 through SN-08 are 880 HP Ingersoll-Rand KVG-8 four stroke rich-burn engines used to drive compressors which pressurize natural gas. SN-06 and SN-07 are equipped with NSCR controls to reduce NO_x and CO emissions. SN-07 shall be modified with the NSCR controls within 180 days after Permit 1433-AOP-R4 was issued (March 1, 2010). SN-06 shall be modified with the NSCR controls within 180 days after Permit 1433-AOP-R5 is issued. The engines are powered by pipeline quality natural gas.

Specific Conditions

- The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by using natural gas to fire the engines and operating at or below the maximum capacity of the equipment.
 [Regulation 19, §19.501 et seq., and 40 CFR Part 52, Subpart E]

SN	Description	Pollutant	lb/hr	tpy
01	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1949)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
02	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1949)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
03	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1949)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
04	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1949)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2

SN	Description	Pollutant	lb/hr	tpy
05	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1950)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2
06	Gas Compressor Engine, Ingersoll-Rand KVG-8 with NSCR	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	3.7	15.9
		NO _x	3.1	13.6
07	Gas Compressor Engine, Ingersoll-Rand KVG-8 with NSCR	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	3.7	15.9
		NO _x	3.1	13.6
08	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1950)	PM ₁₀	0.1	0.3
		SO ₂	0.1	0.1
		VOC	0.3	1.0
		CO	36.2	158.4
		NO _x	30.9	135.2

2. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by using natural gas to fire the engines and by operating at or below maximum capacity of the equipment. The HAP emissions listed for this source were based upon published emission factors at the time of permit issuance. Any change in these emission factors will not constitute a violation of the HAP emission rates listed below. [Regulation 18, §18.801, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
01	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1949)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station
 Permit #: 1433-AOP-R5
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SN	Description	Pollutant	lb/hr	tpy
02	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified - 1949)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07
03	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified - 1949)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07
04	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified - 1949)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07
05	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified - 1950)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07
06	Gas Compressor Engine, Ingersoll-Rand KVG-8 with NSCR (Installed/Modified - 1950)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07
07	Gas Compressor Engine, Ingersoll-Rand KVG-8 with NSCR (Installed/Modified - 1950)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07

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SN	Description	Pollutant	lb/hr	tpy
08	Gas Compressor Engine, Ingersoll-Rand KVG-8 (Installed/Modified – 1950)	PM	0.1	0.3
		Formaldehyde	0.13	0.57
		Methanol	0.02	0.09
		Acetaldehyde	0.02	0.09
		Benzene	0.01	0.04
		Toluene	0.01	0.02
		Acrolein	0.02	0.07

- The permittee shall not exceed 5% opacity from sources SN-01 through SN-08 as measured by EPA Reference Method 9. Compliance with this specific condition shall be demonstrated through compliance with Plantwide Condition 7.

SN-09
Electric Generator Engine, Ingersoll-Rand PVG

Source Description

Source SN-09, is a 275 HP Ingersoll-Rand PVG-8 electrical generator. It was last installed or modified in 1949.

Specific Conditions

4. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by using natural gas to fire the engine, operating at or below the maximum capacity of the equipment and by complying with Specific Condition 7. [Regulation 19, §19.501 et seq. and 40 CFR Part 52, Subpart E]

SN	Description	Pollutant	lb/hr	tpy
09	Electric Generator Engine, Ingersoll-Rand PVG - 8	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	8.2	8.9
		NO _x	5.0	5.4

5. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by use of natural gas, by operating at or below maximum capacity of the equipment and by complying with Specific Condition 7. The HAP emissions listed for this source were based upon published emission factors at the time of permit issuance. Any change in these emission factors will not constitute a violation of the HAP emission rates listed below. [Regulation 18, §18.801 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
09	Electric Generator Engine, Ingersoll-Rand PVG - 8	PM	0.1	0.1
		Formaldehyde	0.04	0.04
		Methanol	0.01	0.01
		Acetaldehyde	0.01	0.01
		Benzene	0.01	0.01
		Acrolein	0.01	0.01

6. The permittee shall not exceed 5% opacity from source SN-09 as measured by EPA Reference Method 9. Compliance with this specific condition shall be demonstrated through compliance with Plantwide Condition 7.

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7. The permittee shall not operate the electric generator engine (SN-09) more than 2160 hours during any consecutive twelve month period. [Regulation 19, 19.705 *et seq.* A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 and 40 CFR 70.6]
8. The permittee shall maintain records which demonstrate compliance with the limit set in Specific Condition 7 and may be used by the Department for enforcement purposes. These records shall be updated on a monthly basis, shall be kept at the nearest manned office, and shall be provided to Department personnel upon request. An annual total and each individual month's data shall be submitted in accordance with General Provision 7. [Regulation 19, §19.705 and 40 CFR Part 52, Subpart E]

SN-10
Backup Electrical Generator, Caterpillar G379

Source Description

Source SN-10, a 300 hp Caterpillar G-379 electrical generator, was last installed or modified in 1987. The generator supplies power to the station in the event of a short time electrical grid outage.

Specific Conditions

9. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by the use of natural gas and by complying with Specific Condition 12. [Regulation 19, §19.501 et seq. and 40 CFR Part 52, Subpart E]

SN	Description	Pollutant	lb/hr	tpy
10	Backup Electrical Generator, Caterpillar G379	PM ₁₀	0.1	0.1
		SO ₂	0.1	0.1
		VOC	0.1	0.1
		CO	9.0	4.0
		NO _x	5.5	2.4

10. The permittee shall not exceed the emission rates set forth in the following table. The permittee shall demonstrate compliance with this condition by the use of natural gas and by complying with Specific Condition 12. The HAP emissions listed for this source were based upon published emission factors at the time of permit issuance. Any change in these emission factors will not constitute a violation of the HAP emission rates listed below. [Regulation 18, §18.801, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

SN	Description	Pollutant	lb/hr	tpy
10	Backup Electrical Generator, Caterpillar G379	PM	0.1	0.1
		Formaldehyde	0.05	0.02
		Methanol	0.01	0.01
		Acetaldehyde	0.01	0.01
		Benzene	0.01	0.01
		Acrolein	0.01	0.01

11. The permittee shall not exceed 5% opacity from source SN-10 as measured by EPA Reference Method 9. Compliance with this specific condition shall be demonstrated through compliance with Plantwide Condition 7.

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12. The permittee shall not operate the backup electrical generator (SN-10) more than 876 hours during any consecutive twelve month period. [Regulation 19, 19.705 *et seq.* A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311 and 40 CFR 70.6]

13. The permittee shall maintain records which demonstrate compliance with the limit set in Specific Condition 12 and may be used by the Department for enforcement purposes. These records shall be updated on a monthly basis, shall be kept at the nearest manned office, and shall be provided to Department personnel upon request. An annual total and each individual month's data shall be submitted in accordance with General Provision 7. [Regulation 19, §19.705 and 40 CFR Part 52, Subpart E]

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SECTION V: COMPLIANCE PLAN AND SCHEDULE

CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station will continue to operate in compliance with those identified regulatory provisions. The facility will examine and analyze future regulations that may apply and determine their applicability with any necessary action taken on a timely basis.

SECTION VI: PLANTWIDE CONDITIONS

1. The permittee shall notify the Director in writing within thirty (30) days after commencing construction, completing construction, first placing the equipment and/or facility in operation, and reaching the equipment and/or facility target production rate. [Regulation 19, §19.704, 40 CFR Part 52, Subpart E, and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
2. If the permittee fails to start construction within eighteen months or suspends construction for eighteen months or more, the Director may cancel all or part of this permit. [Regulation 19, §19.410(B) and 40 CFR Part 52, Subpart E]
3. The permittee must test any equipment scheduled for testing, unless otherwise stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) new equipment or newly modified equipment within sixty (60) days of achieving the maximum production rate, but no later than 180 days after initial start up of the permitted source or (2) operating equipment according to the time frames set forth by the Department or within 180 days of permit issuance if no date is specified. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) days in advance of such test. The permittee shall submit the compliance test results to the Department within thirty (30) days after completing the testing. [Regulation 19, §19.702 and/or Regulation 18 §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. The permittee must provide:
 - a. Sampling ports adequate for applicable test methods;
 - b. Safe sampling platforms;
 - c. Safe access to sampling platforms; and
 - d. Utilities for sampling and testing equipment.

[Regulation 19, §19.702 and/or Regulation 18, §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
5. The permittee must operate the equipment, control apparatus and emission monitoring equipment within the design limitations. The permittee shall maintain the equipment in good condition at all times. [Regulation 19, §19.303 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. This permit subsumes and incorporates all previously issued air permits for this facility. [Regulation 26 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
7. The permittee shall only use pipeline quality natural gas to fire the compressor engines and/or turbines located at this facility. Pipeline quality natural gas is defined as gas which contains less than 20 grains total sulfur per 100 standard cubic feet of natural gas.

Additionally, pipeline natural gas must either be composed of at least 70 percent methane by volume or have a gross calorific value between 950 and 1100 BTU per standard cubic foot. Compliance with this condition may be demonstrated by a valid gas tariff, purchase contract, fuel analysis or other appropriate documentation, or periodic testing. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311 and 40 CFR 70.6]

8. The permittee last tested the fuel combusted in the compressor engines and/or turbines for Total Sulfur in April 2008 to show compliance with SO₂ emission limits. Testing for Total Sulfur shall be conducted every five years for the fuel combusted in the compressor engines and/or turbines located at CenterPoint's compressor stations in the State of Arkansas. The next testing will be required in 2013. The natural gas testing of the fuel on one pipeline may be representative for all compressor engines and/or turbines located along that pipeline. The natural gas must contain 0.2 grains of Total Sulfur per 100 standard cubic feet of natural gas or less. The permittee shall use test methods outlined in sections 2.3.5 or 2.3.3.1.2 of 40 CFR Part 75, Appendix D, or other test method upon the Department's approval, to test for Total Sulfur. The results of these tests shall be submitted to the Department at the address listed in General Provision 7. [Regulation No. 19 §19.702, and 40 CFR Part 52, Subpart E]
9. The permittee shall simultaneously conduct tests for NO_x and CO on one-half of each type of compressor engine(s), same model and HP, in accordance with Plantwide Condition 3. Testing shall be conducted every five years. EPA Reference Method 7E shall be used to determine NO_x and EPA Reference Method 10 shall be used to determine CO. The permittee shall test the engine within 90% of its rated capacity. If the engine is not tested within this range, the permittee shall be limited to operating within 10% above the tested rate. The Department reserves the right to select the engine(s) to be tested. Engines that have had NSCR controls added since previously scheduled testing shall be tested first. The engine(s) tested shall be rotated so that no similar engine (make and model) is tested twice before another engine is tested once. If the tested emission rate for any pollutant is in excess of the permitted emission rate, all similar engines (make and model) shall be tested for that pollutant. [Regulation No. 19 §19.702, and 40 CFR Part 52, Subpart E]
10. The permittee may replace any existing engines (SN-01 through SN-08) on a temporary or permanent basis with an engine(s) that has the same or lower emission rates on a pound per hour basis; has the same or lower horsepower; and which replacement does not result in a significant emissions increase as defined and applied pursuant to 40 CFR 52.21, and as set out below:
 - a. The permittee shall notify ADEQ of the replacement within 30 days after the replacement is made, which notification shall identify the previous and replacement engines, and provide the reason why the replacement was necessary. If applicable, the notification shall also provide a permit application and, when required, a CAM plan under 40 CFR Part 64.
 - b. The permittee shall conduct NO_x and CO emission testing within 90 days of the

date of replacement to verify the emissions from the newly installed engine (s). This testing shall be conducted in accordance with EPA Reference Method 7E for NO_x and EPA Reference Method 10 for CO.

- c. Notwithstanding the above, as provided by Regulation 26, in the event an emergency occurs, the permittee shall have an affirmative defense of emergency to an action brought for non-compliance with technology-based emission limitations if the conditions of Regulation 26, §26.707 are met. [Regulation No.19 §19.705, A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, §19.304 and 40 CFR Part 64]
 - d. The permittee shall comply with applicable sections of 40 CFR Part 60, Subpart JJJJ and Part 63, Subpart ZZZZ.
11. The permittee shall use good maintenance practices to control emissions from valves, fittings, flanges, seals and other associated equipment. [§19.303 of Regulation 19 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]

Title VI Provisions

12. The permittee must comply with the standards for labeling of products using ozone-depleting substances. [40 CFR Part 82, Subpart E]
- a. All containers containing a class I or class II substance stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced to interstate commerce pursuant to §82.106.
 - b. The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - c. The form of the label bearing the required warning must comply with the requirements pursuant to §82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
13. The permittee must comply with the standards for recycling and emissions reduction, except as provided for MVACs in Subpart B. [40 CFR Part 82, Subpart F]
- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
 - c. Persons performing maintenance, service repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC like appliances must comply with record keeping requirements pursuant to §82.166. (“MVAC like appliance” as defined at §82.152)

- e. Persons owning commercial or industrial process refrigeration equipment must comply with leak repair requirements pursuant to §82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
14. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.
 15. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term “motor vehicle” as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term “MVAC” as used in Subpart B does not include the air tight sealed refrigeration system used as refrigerated cargo, or the system used on passenger buses using HCFC 22 refrigerant.

16. The permittee can switch from any ozone depleting substance to any alternative listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G.

Permit Shield

17. Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements, as of the date of permit issuance, included in and specifically identified in the following table of this condition. The permit specifically identifies the following as applicable requirements based upon the information submitted by the permittee in an application dated April 28, 2009.

Applicable Regulations

Source No.	Regulation	Description
Facility	Arkansas Regulation 19	Compilation of Regulations of the Arkansas State Implementation Plan for Air Pollution Control
Facility	Arkansas Regulation 26	Regulations of the Arkansas Operating Air Permit Program

The permit specifically identifies the following as inapplicable based upon information submitted by the permittee in an application dated April 28, 2009.

Inapplicable Regulations

Source No.	Regulation	Description
Facility	Regulation 19.8	Regulations for 111(d) designated facility
Facility	Regulation 19.10	Regulations for the control of volatile organic compounds
Facility	Regulation 26.304	Emission units subject to permitting
Facility	Regulation 26.402	Standard application form and required information
Facility	Regulation 26.501-504	Actions on applications
Facility	Regulation 26.6	Permit review
Facility	Regulation 26.12	Regulations for acid rain source
Facility	40 CFR 51	Requirements for implementation plans
Facility	40 CFR 53	Ambient air monitoring method
Facility	40 CFR 54	Prior notice of citizen suites
Facility	40 CFR 55	Outer continental shelf regulations.
Facility	40 CFR 56	Regional consistency
Facility	40 CFR 57	Primary nonferrous smelter orders
Facility	40 CFR 58	Ambient air quality surveillance
Facility	40 CFR 60 subpart GG	NSPS-Stationary gas turbines
Facility	40 CFR 60 subpart KKK	NSPS – onshore natural gas processing plants
Facility	40 CFR 60 subpart K	NSPS – storage vessels for petroleum liquids
Facility	40 CFR 60 subpart Ka	NSPS – storage vessels for petroleum liquids
Facility	40 CFR 60 subpart Kb	NSPS – volatile organic liquid storage vessels
Facility	40 CFR 62	State plan for designated facilities
Facility	40CFR 63	NESHAPS
Facility	40 CFR 64	Compliance assurance monitoring
Facility	40 CFR 65	Delayed compliance orders
Facility	40 CFR 66	Assessment and collection of non-compliance penalties
Facility	40CFR 67	Federal approval of state non-compliance penalty programs
Facility	40 CFR 68	Accidental release program
Facility	40 CFR 69	Special exemptions from requirements of the Clean Air Act
Facility	40CFR 70	Operating Permit
Facility	40 CFR 72	Acid rain permits
Facility	40 CFR 73	Sulfur dioxide allowance system
Facility	40 CFR 75	Continuous emission monitoring for acid rain units

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Source No.	Regulation	Description
Facility	40CFR 76	Acid rain nitrogen oxides emission reduction program
Facility	40 CFR 77	Excess emissions from acid rain units
Facility	40 CFR 78	Appeals procedure for acid rain sources
Facility	40 CFR 79	Registration of fuels and fuel additives
Facility	40 CFR 80	Registration of fuels and fuel additives
Facility	40 CFR 80.304	Non-Attainment
Facility	40 CFR 85	Control of air pollution from motor vehicles and motor vehicle engines
Facility	40 CFR 86	Certification and test procedures for new and in-use motor vehicles and motor vehicle engines
Facility	40 CFR 87	Control of air pollution from aircraft and aircraft engines
Facility	40 CFR 88	Clean-fuel vehicles

SECTION VII: INSIGNIFICANT ACTIVITIES

The following sources are insignificant activities. Any activity that has a state or federal applicable requirement shall be considered a significant activity even if this activity meets the criteria of §26.304 of Regulation 26 or listed in the table below. Insignificant activity determinations rely upon the information submitted by the permittee in an application dated April 28, 2009.

Description	Category
Two (2) Slop tanks, 4200 gallons	A-3
Slop tank, 8820 gallons	A-3
Used oil tank, 1008 gallons	A-3
Used solvent tank, 1008 gallons	A-3
Diesel tank., 105 gallons	A-3
Kerosene tank, 105 gallons	A-3
Glycol tank, 4200 gallons	A-3
Antifreeze mix tank, 8820 gallons	A-3
Two (2) Wastewater tanks, 8820 gallons each	A-3
Gasoline tank, 105 gallons	A-13
Slop Tank, 10038 gallons.	A-13
Lube oil tank, 11298 gallons	A-13
Blowdown vent	A-13
Smart ash incinerator	A-13
Piping components fugitive emissions	A-13
Condensate truck loading	A-13

Pursuant to §26.304 of Regulation 26, the Department determined the emission units, operations, or activities contained in Regulation 19, Appendix A, Group B, to be insignificant activities. Activities included in this list are allowable under this permit and need not be specifically identified.

SECTION VIII: GENERAL PROVISIONS

1. Any terms or conditions included in this permit which specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.). Any terms or conditions included in this permit which specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 et seq.) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute. [40 CFR 70.6(b)(2)]
2. This permit shall be valid for a period of five (5) years beginning on the date this permit becomes effective and ending five (5) years later. [40 CFR 70.6(a)(2) and §26.701(B) of the Regulations of the Arkansas Operating Air Permit Program (Regulation 26)]
3. The permittee must submit a complete application for permit renewal at least six (6) months before permit expiration. Permit expiration terminates the permittee's right to operate unless the permittee submitted a complete renewal application at least six (6) months before permit expiration. If the permittee submits a complete application, the existing permit will remain in effect until the Department takes final action on the renewal application. The Department will not necessarily notify the permittee when the permit renewal application is due. [Regulation 26, §26.406]
4. Where an applicable requirement of the Clean Air Act, as amended, 42 U.S.C. 7401, et seq. (Act) is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, the permit incorporates both provisions into the permit, and the Director or the Administrator can enforce both provisions. [40 CFR 70.6(a)(1)(ii) and Regulation 26, §26.701(A)(2)]
5. The permittee must maintain the following records of monitoring information as required by this permit.
 - a. The date, place as defined in this permit, and time of sampling or measurements;
 - b. The date(s) analyses performed;
 - c. The company or entity performing the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions existing at the time of sampling or measurement.

[40 CFR 70.6(a)(3)(ii)(A) and Regulation 26, §26.701(C)(2)]

6. The permittee must retain the records of all required monitoring data and support information for at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [40 CFR 70.6(a)(3)(ii)(B) and Regulation 26, §26.701(C)(2)(b)]
7. The permittee must submit reports of all required monitoring every six (6) months. If permit establishes no other reporting period, the reporting period shall end on the last day of the anniversary month of the initial Title V permit. The report is due within thirty (30) days of the end of the reporting period. Although the reports are due every six months, each report shall contain a full year of data. The report must clearly identify all instances of deviations from permit requirements. A responsible official as defined in Regulation No. 26, §26.2 must certify all required reports. The permittee will send the reports to the address below:

Arkansas Department of Environmental Quality
Air Division
ATTN: Compliance Inspector Supervisor
5301 Northshore Drive
North Little Rock, AR 72118-5317

[40 C.F.R. 70.6(a)(3)(iii)(A) and Regulation 26, §26.701(C)(3)(a)]

8. The permittee shall report to the Department all deviations from permit requirements, including those attributable to upset conditions as defined in the permit.
 - a. For all upset conditions (as defined in Regulation 19, § 19.601), the permittee will make an initial report to the Department by the next business day after the discovery of the occurrence. The initial report may be made by telephone and shall include:
 - i. The facility name and location;
 - ii. The process unit or emission source deviating from the permit limit;
 - iii. The permit limit, including the identification of pollutants, from which deviation occurs;
 - iv. The date and time the deviation started;
 - v. The duration of the deviation;
 - vi. The average emissions during the deviation;
 - vii. The probable cause of such deviations;
 - viii. Any corrective actions or preventive measures taken or being taken to prevent such deviations in the future; and
 - ix. The name of the person submitting the report.

The permittee shall make a full report in writing to the Department within five (5) business days of discovery of the occurrence. The report must include, in addition to the information required by the initial report, a schedule of actions taken or planned to eliminate future occurrences and/or to minimize the amount the permit's limits were exceeded and to reduce the length of time the limits were exceeded. The permittee may submit a full report in writing (by facsimile, overnight courier, or other means) by the next business day after discovery of the occurrence, and the report will serve as both the initial report and full report.

- b. For all deviations, the permittee shall report such events in semi-annual reporting and annual certifications required in this permit. This includes all upset conditions reported in 8a above. The semi-annual report must include all the information as required by the initial and full reports required in 8a.

[Regulation 19, §19.601 and §19.602, Regulation 26, §26.701(C)(3)(b), and 40 CFR 70.6(a)(3)(iii)(B)]

9. If any provision of the permit or the application thereof to any person or circumstance is held invalid, such invalidity will not affect other provisions or applications hereof which can be given effect without the invalid provision or application, and to this end, provisions of this Regulation are declared to be separable and severable. [40 CFR 70.6(a)(5), Regulation 26, §26.701(E), and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
10. The permittee must comply with all conditions of this Part 70 permit. Any permit noncompliance with applicable requirements as defined in Regulation 26 constitutes a violation of the Clean Air Act, as amended, 42 U.S.C. §7401, et seq. and is grounds for enforcement action; for permit termination, revocation and reissuance, for permit modification; or for denial of a permit renewal application. [40 CFR 70.6(a)(6)(i) and Regulation 26, §26.701(F)(1)]
11. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit. [40 CFR 70.6(a)(6)(ii) and Regulation 26, §26.701(F)(2)]
12. The Department may modify, revoke, reopen and reissue the permit or terminate the permit for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [40 CFR 70.6(a)(6)(iii) and Regulation 26, §26.701(F)(3)]
13. This permit does not convey any property rights of any sort, or any exclusive privilege. [40 CFR 70.6(a)(6)(iv) and Regulation 26, §26.701(F)(4)]

14. The permittee must furnish to the Director, within the time specified by the Director, any information that the Director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee must also furnish to the Director copies of records required by the permit. For information the permittee claims confidentiality, the Department may require the permittee to furnish such records directly to the Director along with a claim of confidentiality. [40 CFR 70.6(a)(6)(v) and Regulation 26, §26.701(F)(5)]
15. The permittee must pay all permit fees in accordance with the procedures established in Regulation 9. [40 CFR 70.6(a)(7) and Regulation 26, §26.701(G)]
16. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes provided for elsewhere in this permit. [40 CFR 70.6(a)(8) and Regulation 26, §26.701(H)]
17. If the permit allows different operating scenarios, the permittee shall, contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility a record of the operational scenario. [40 CFR 70.6(a)(9)(i) and Regulation 26, §26.701(I)(1)]
18. The Administrator and citizens may enforce under the Act all terms and conditions in this permit, including any provisions designed to limit a source's potential to emit, unless the Department specifically designates terms and conditions of the permit as being federally unenforceable under the Act or under any of its applicable requirements. [40 CFR 70.6(b) and Regulation 26, §26.702(A) and (B)]
19. Any document (including reports) required by this permit must contain a certification by a responsible official as defined in Regulation 26, §26.2. [40 CFR 70.6(c)(1) and Regulation 26, §26.703(A)]
20. The permittee must allow an authorized representative of the Department, upon presentation of credentials, to perform the following: [40 CFR 70.6(c)(2) and Regulation 26, §26.703(B)]
 - a. Enter upon the permittee's premises where the permitted source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records required under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and

- d. As authorized by the Act, sample or monitor at reasonable times substances or parameters for assuring compliance with this permit or applicable requirements.
21. The permittee shall submit a compliance certification with the terms and conditions contained in the permit, including emission limitations, standards, or work practices. The permittee must submit the compliance certification annually within 30 days following the last day of the anniversary month of the initial Title V permit. The permittee must also submit the compliance certification to the Administrator as well as to the Department. All compliance certifications required by this permit must include the following: [40 CFR 70.6(c)(5) and Regulation 26, §26.703(E)(3)]
 - a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The compliance status;
 - c. Whether compliance was continuous or intermittent;
 - d. The method(s) used for determining the compliance status of the source, currently and over the reporting period established by the monitoring requirements of this permit; and
 - e. Such other facts as the Department may require elsewhere in this permit or by §114(a)(3) and §504(b) of the Act.
22. Nothing in this permit will alter or affect the following: [Regulation 26, §26.704(C)]
 - a. The provisions of Section 303 of the Act (emergency orders), including the authority of the Administrator under that section;
 - b. The liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the acid rain program, consistent with §408(a) of the Act; or
 - d. The ability of EPA to obtain information from a source pursuant to §114 of the Act.
23. This permit authorizes only those pollutant emitting activities addressed in this permit. [A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
24. The permittee may request in writing and at least 15 days in advance of the deadline, an extension to any testing, compliance or other dates in this permit. No such extensions are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion in the following circumstances:
 - a. Such an extension does not violate a federal requirement;
 - b. The permittee demonstrates the need for the extension; and
 - c. The permittee documents that all reasonable measures have been taken to meet the current deadline and documents reasons it cannot be met.

[Regulation 18, §18.314(A), Regulation 19, §19.416(A), Regulation 26, §26.1013(A), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

25. The permittee may request in writing and at least 30 days in advance, temporary emissions and/or testing that would otherwise exceed an emission rate, throughput requirement, or other limit in this permit. No such activities are authorized until the permittee receives written Department approval. Any such emissions shall be included in the facility's total emissions and reported as such. The Department may grant such a request, at its discretion under the following conditions:
- a. Such a request does not violate a federal requirement;
 - b. Such a request is temporary in nature;
 - c. Such a request will not result in a condition of air pollution;
 - d. The request contains such information necessary for the Department to evaluate the request, including but not limited to, quantification of such emissions and the date/time such emission will occur;
 - e. Such a request will result in increased emissions less than five tons of any individual criteria pollutant, one ton of any single HAP and 2.5 tons of total HAPs; and
 - f. The permittee maintains records of the dates and results of such temporary emissions/testing.

[Regulation 18, §18.314(B), Regulation 19, §19.416(B), Regulation 26, §26.1013(B), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

26. The permittee may request in writing and at least 30 days in advance, an alternative to the specified monitoring in this permit. No such alternatives are authorized until the permittee receives written Department approval. The Department may grant such a request, at its discretion under the following conditions:
- a. The request does not violate a federal requirement;
 - b. The request provides an equivalent or greater degree of actual monitoring to the current requirements; and
 - c. Any such request, if approved, is incorporated in the next permit modification application by the permittee.

[Regulation 18, §18.314(C), Regulation 19, §19.416(C), Regulation 26, §26.1013(C), A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR Part 52, Subpart E]

CERTIFICATE OF SERVICE

I, Cynthia Hook, hereby certify that a copy of this permit has been mailed by first class mail to CenterPoint Energy - Mississippi River Trans. Corp. - Fountain Hill Compressor Station, P.O. Box 21734, Shreveport, LA, 71151, on this 7th day of June, 2010.

A handwritten signature in black ink, appearing to read 'C Hook', written over a horizontal line.

Cynthia Hook, AAI, Air Division