

2012 Natural Gas State Program Evaluation

for

KENTUCKY PUBLIC SERVICE COMMISSION

Document Legend PART:

- O -- Representative Date and Title Information
- A -- Progress Report and Program Documentation Review
- B -- Program Inspection Procedures
- C -- Program Performance
- D -- Compliance Activities
- E -- Incident Investigations
- F -- Damage Prevention
- G -- Field Inspections
- H -- Interstate Agent State (If Applicable)
- I -- 60106 Agreement State (If Applicable)



2012 Natural Gas State Program Evaluation -- CY 2012 Natural Gas

State Agency: Kentucky Rating:

Agency Status: 60105(a): Yes 60106(a): No Interstate Agent: No

Date of Visit: 08/20/2013 - 08/22/2013

Agency Representative: Jason Brangers, Manager, Gas Branch

PHMSA Representative: Don Martin

Commission Chairman to whom follow up letter is to be sent:

Name/Title: David Armstrong,, Chairman

Agency: Kentucky Public Service Commission

Address: 211 Sower Boulevard

City/State/Zip: Frankfort, Kentucky 40602-0615

INSTRUCTIONS:

Complete this evaluation in accordance with the Procedures for Evaluating State Pipeline Safety Program. The evaluation should generally reflect state program performance during CY 2012 (not the status of performance at the time of the evaluation). All items for which criteria have not been established should be answered based on the PHMSA representative's judgment. A deficiency in any one part of a multiple part question should be scored as needs improvement. Determine the answer to the question then select the appropriate point value. If a state receives less then the maximum points, include a brief explanation in the space provided for general comments/regional observations. If a question is not applicable to a state, select NA. Please ensure all responses are COMPLETE and ACCURATE, and OBJECTIVELY reflect state program performance. Increasing emphasis is being placed on performance. This evaluation together with selected factors reported in the state's annual progress report attachments provide the basis for determining the state's pipeline safety grant allocation.

Field Inspection (PART G):

The field inspection form used will allow different areas of emphasis to be considered for each question. Question 13 is provided for scoring field observation areas. In completing PART G, the PHMSA representative should include a written summary which thoroughly documents the inspection.

Scoring Summary

_ PARTS		Possible Points	Points Scored
A	Progress Report and Program Documentation Review	10	10
В	Program Inspection Procedures	15	13
C	Program Performance	46	46
D	Compliance Activities	15	15
E	Incident Investigations	3	3
F	Damage Prevention	8	8
G	Field Inspections	11	11
Н	Interstate Agent State (If Applicable)	0	0
I	60106 Agreement State (If Applicable)	0	0
TOTAL	\mathbf{S}	108	106
State R	State Rating		98.1



PART A - Progress Report and Program Documentation Review

Points(MAX) Score

1	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress	1	1
	Report Attachment 1 (A1a)		
	Yes = 1 No = 0 Needs Improvement = .5		
aluato	r Notes:		

Eva

The information contained in Attachment 1 was verified from the KPSC's operator records. Inspection unit information matched Attachment 3.

1 Review of Inspection Days for accuracy - Progress Report Attachment 2 (A1b) Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The inspection person days on Attachment 2 were supported by the KPSC's recorda documenting inspection person days.

3 Accuracy verification of Operators and Operators Inspection Units in State - Progress 1 Report Attachment 3 (A1c) Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The KPSC operator records were consistent with the information entered into Attachment 3.

Were all federally reportable incident reports listed and information correct? - Progress 1 1 Report Attachment 4 (A1d) Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

There were no reportable incidents listed on Attachment 4. PHMSA incident data base information did not show any reportable incidents for intrastate operators in Kentucky during 2012.

1 5 Accuracy verification of Compliance Activities - Progress Report Attachment 5 (A1e) Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The KPSC's inspection records supported the probable violation information entered into Attachment 5. Two civil penalties will be issued in 2013 for certain probable violations found in 2012.

Were pipeline program files well-organized and accessible? - Progress Report 2 2 6 Attachment 6 (A1f, A4)

Evaluator Notes:

Information requested for the evaluation was easily accessed from the KPSC's files. The files were organized appropriately.

Was employee listing and completed training accurate and complete? - Progress Report Attachment 7 (A1g) Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The staff information in Attachment 7 was correct. Training information was downloaded from the SABA system administered by PHMSA's Training and Qualification Division

Verification of Part 192,193,198,199 Rules and Amendments - Progress Report 8 1 1 Attachment 8 (A1h)

Yes = 1 No = 0 Needs Improvement = .5

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

The KPSC has automatic adoption of federal pipeline safety regulations.



List of Planned Performance - Did state describe accomplishments on Progress Report in detail - Progress Report Attachment 10 (H1-3)
 Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

No issues identified with Attachment 10.

10 General Comments: Info Only = No Points Info OnlyInfo Only

Evaluator Notes:

The KPSC has generally complied with the requirements of Part A of this evaluation.

Total points scored for this section: 10 Total possible points for this section: 10



PART	B - Program Inspection Procedures Po	oints(MAX)	Score
1		2	2
1	Standard Inspections (B1a) Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluator	Notes:		
Inspec	ctions are scheduled based upon a risk assessment. Each inspection unit will be inspected years.	ed at a minimu	im once every
2	IMP Inspections (including DIMP) (B1b)	1	0
F 1 .	Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$		
Evaluator Gas T docur	ransmission IMP inspections and Distribution IMP inspections need to be included in t	he KPSC's Ins	spection Proces
3	OQ Inspections (B1c)	1	0
Evaluator	Yes = 1 No = 0 Needs Improvement = .5		
	tor Qualification inspections need to be added into the KPSC's Inspection Process docu	ıment.	
4	Damage Prevention Inspections (B1d)	1	1
	Yes = 1 No = 0 Needs Improvement = .5		
Stand	APSC does not schedule Damage Prevention Inspections seperately from its Periodic Reard Inspection). Inspections of an operator's Damage Prevention Program are part of the cition when covering the requirements of 192.614.		
5	On-Site Operator Training (B1e)	1	1
Evaluator	Yes = 1 No = 0 Needs Improvement = .5		
	LPSC schedules on-site training meetings upon request from operators.		
6	Construction Inspections (B1f)	1	1
	Yes = 1 No = 0 Needs Improvement = .5		
cost e	Notes: CPSC has requirements for certain operator types to inform the KPSC of scheduled consceeds \$25,000 for small operators and \$100,000 for large operators. The KPSC proceduled based on notifications received by the KPSC.		
7	Incident/Accident Investigations (B1g)	2	2
	Yes = 2 No = 0 Needs Improvement = 1		
Evaluator		r . 1 . 2	
The p	rocedures address incident investigations. Incident investigations are scheduled immed	liately after no	tification.
8	Does inspection plan address inspection priorities of each operator, and if necessary eaunit, based on the following elements? (B2a-d, G1,2,4) $Yes = 6 No = 0 Needs Improvement = 1-5$	ich 6	6
;	a. Length of time since last inspection	Yes	No O Needs

Operating history of operator/unit and/or location (includes leakage, incident and

Locations of operators inspection units being inspected - (HCA's, Geographic

Type of activity being undertaken by operators (i.e. construction)

Improvement

Improvement

Improvement

Needs

Needs Improvement

Needs

Yes 💿

Yes 💿

Yes 💿

No 🔾

No 🔾

No 🔾

No 🔾

a. b.

c.

d.

compliance activities)

areas, Population Density, etc)

e. Process to identify high-risk inspection units that includes all threats - (Excavation			Needs
Damage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment,	Yes (•)	No ()	Needs Improvement
Operators and any Other Factors)			Nr. I
f. Are inspection units broken down appropriately?	Yes 💿	No 🔘	Needs Improvement
r Notes:			improvement

Excerpts from the KPSC Inspection Process document are shown below:

"The operators to be inspected are researched with the data available from previous inspections to determine the schedule of the annual safety inspection. Many items determine the priority of our inspections and may include the following:

- 1. The lost and unaccounted-for gas.
- 2. The number of leaks from recent surveys.
- 3. The known past history of the system (i.e. compliance history).
- 4. The type and condition of pipe.
- 5. The elapsed time since last inspection.
- 6. The total miles of main throughout the system.
- 7. The current number of customers.

After the priority list of operators to be inspected has been determined, the operators are listed on a spreadsheet and a schedule is drafted indicating which inspector will conduct which inspection, as well as the approximate month for inspection. There will be times when the schedule will be changed for construction inspections or incident investigations. At that time the inspection will be rescheduled for a later date. All intrastate operators will be inspected at intervals dictated by the priority/risk-ranking, but should not exceed 3 years."

"The Kentucky Pipeline Safety Branch has adopted a similar approach, therefore, risk factors are considered for each operator and higher risk inspection units will be identified during the scheduling of inspections, which may result in more frequent inspections for certain operators."

9 General Comments:

Info OnlyInfo Only

Evaluator Notes:

Info Only = No Points

Question B.2 and B.3 - IMP, DIMP and OQ inspections need to added to the KPSC's inspection process document.

Total points scored for this section: 13 Total possible points for this section: 15



1	Was ratio of Total Inspection person-days to total person days acceptable? (Director of State Programs may modify with just cause) Chapter 4.3 (A12) $Yes = 5 No = 0$	5		5
	A. Total Inspection Person Days (Attachment 2): 476.00			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): $220 \times 3.50 = 770.00$			
	Ratio: A / B 476.00 / 770.00 = 0.62			
Englands	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
Evaluato The	KPSC's ration was 0.62 which exceeded the minimum of 0.32.			
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines for requirements) Chapter 4.4 (A8-A11, G19) Yes = 5 No = 0 Needs Improvement = 1-4	5		5
	a. Completion of Required OQ Training before conducting inspection as lead?	Yes 💿	No 🔘	Needs Improvement
	b. Completion of Required DIMP*/IMP Training before conducting inspection as lead? *Effective Evaluation CY2013	Yes 🔘	No •	Needs Improvement
	c. Root Cause Training by at least one inspector/program manager	Yes •	No 🔾	Needs Improvement
	d. Note any outside training completed	Yes •	No 🔘	Needs Improvement
All o	of the required courses listed as Mandatory Training for Gas Integrity Management Inspected deadline for completing these courses is CY2013. Therefore, if any Gas Transmission Integer performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 performed in 2013.	grity Ma	nagemen	t inspections
3	Did state records and discussions with state pipeline safety program manager indicate adequate knowledge of PHMSA program and regulations? Chapter 4.1,8.1 (A5) $Yes = 2 No = 0 Needs Improvement = 1$	2		2
	<u>.</u>	HMSA's _l	pipeline s	safety
4	Did state respond to Chairman's letter on previous evaluation within 60 days and correct or address any noted deficiencies? (If necessary) Chapter 8.1 (A6-7) $Yes = 2 No = 0 Needs Improvement = 1$	2	:	2
Evaluato The	r Notes: KPSC Chairman responded to the evaluation letter in 46 days. An acceptable response to the	ne deficie	ncies wa	s included.
5	Did State hold PHMSA TQ Seminar in Past 3 Years? Chapter 8.5 (A3) Yes = 2 No = 0	2	:	2
Evaluato The	r Notes: last two seminars were held in May, 2010 and May, 2013. No issues found.			
6	Did state inspect all types of operators and inspection units in accordance with time intervals established in written procedures? Chapter 5.1 (B3)	5		5



Based upon the number of operators and units inspected in 2012 the KPSC is on pace to inspect each operator and units on a three year cycle. 2012 inspections were primarily focused on small operators. DIMP and Public Awareness were a focus area during 2012.

7 Did inspection form(s) cover all applicable code requirements addressed on Federal Inspection form(s)? Did State complete all applicable portions of inspection forms? Chapter 5.1 (B4-5)
Yes = 2 No = 0 Needs Improvement = 1

2

2

Evaluator Notes:

Except for Master Meter operators the KPSC utilizes federal inspection forms. The Standard Inspection form for Master Meters was developed from the federal distribution standard inspection form by eliminating portions that do not apply to Master Meter pipeline facilities. It addresses the code requirements in relation to Master Meter facilities.

Did the state review operator procedures for determining if exposed cast iron pipe was examined for evidence of graphitization and if necessary remedial action was taken?

(NTSB) Chapter 5.1 (B7)

Yes = 1 No = 0

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Evaluator Notes:

Yes. The KPSC utilizes the federal distribution standard inspection which includes this requirement.

Did the state review operator procedures for surveillance of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leakage history, or other unusual operating maintenance condition? (Note: See GPTC Appendix G-18 for guidance) (NTSB) Chapter 5.1 (B8) Yes = 1 No = 0

1

Evaluator Notes:

Yes. The KPSC utilizes the federal distribution standard inspection which includes this requirement.

Did the state review operator emergency response procedures for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings Refer to 4/12/01 letter from PHMSA in response to NTSB recommendation P-00-20 and P-00-21? (NTSB) Chapter 5.1 (B9)

Yes = 1 No = 0

1

Evaluator Notes:

Yes. The KPSC utilizes the federal distribution standard inspection which includes this requirement.

Did the state review operator records of previous accidents and failures including reported third party damage and leak response to ensure appropriate operator response as required by 192.617? Chapter 5.1 (B10,E5) Yes = 1 No = 0

1 1

Evaluator Notes:

The KPSC utilizes the federal standard inspection form. This form covers this requirement.

Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for 2 accuracy and analyzed data for trends and operator issues? Data Initiative (G6-9,G16)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

The KPSC reviews operators' annual reports each year as they are submitted. The KPSC communicates any discrepancies to the operators.



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Did state input all applicable OQ, IMP inspection results into federal database in a timely 2 manner? This includes replies to Operator notifications into IMDB database. Chapter 5.1 (G10-12)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

No IMP inspection results were found in PHMSA's IMP database for Baiden gas Company, Eastern Corporation of America, EQT Corporation, Gibbs Die Casting, K Petroleum, Kentucky Utilities Company, Matriks Energy, Minerals Management Group, NGAS, North Coast Energy Western, Riley - Scott Gas Company, Riverside Generating Co. LLC. NGAS (aka Magnum Hunter) and Kentucky Utilities IMP inspections are completed and have been uploaded into the PHMSA database. An inspection was conducted on K-Petroleum and deficiencies were cited for its IMP, a follow-up inspection is planned to verify the corrective actions taken and the results will be uploaded into the database. Eastern Corporation of America is a gathering company with one section (approximately 150 feet) of jurisdictional gathering. EQT Corporation is also a gathering company, except for a line that has FERC certification. (The status as a gathering company of Eastern Corporation of America and EQT will need to be reflected on the progress report). Riverside Generating (aka Dynegy) is a transmission with no HCA's, they do have a "Protocol A" plan. Baiden Gas Company, Matriks Energy, Minerals Management Group, and Riley-Scott should be classified as gathering line operators and North Coast Energy Western no longer exists.

Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? (G14)

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The KPSC's GIS department routinely uses the NPMS and reviews data submitted by operators within Kentucky. The GIS department confirmed that all transmission operators submitted information into the NPMS.

Is the state verifying operators are conducting drug and alcohol tests as required by regulations? This should include verifying positive tests are responded to in accordance with program. 49 CFR 199 (I1-3)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

The KPSC has completed the review of all operators' drug and alcohol testing programs in past years. There were no drug and alcohol program inspections during 2012; however, certain requirements of Part 199 are reviewed during standard inspections.

Is state verifying operators OQ programs are up to date? This should include verification of any plan updates and that persons performing covered tasks (including contractors) are properly qualified and requalified at intervals determined in the operators plan. 49 CFR 192 Part N (I4-7)

2

2

2

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Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

The KPSC performed seventy four (74) OQ related inspections (typically as part of comprehensive inspections). These consisted of plan reviews and/or Protocol 9 inspections. No issues found.

Is state verifying operator's gas transmission integrity management programs (IMP) are up to date? This should include a previous review of IMP plan, along with monitoring progress on operator tests and remedial actions. In addition, the review should take in to account program review and updates of operators plan(s). 49 CFR 192 Subpart 0 (I8-12)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

KPSC focused on and completed all initial Gas Transmission IMP inspections in 2010.

	public). (G20-21) Yes = 1 No = 0 Needs Improvement = .5		
Evaluato	•		
The secti	KPSC maintains a pipeline safety section on its website. The KPSC revised the web site to on more accessible. The KPSC participates in Kentucky Gas Association meetings and cornce committee meetings and Kentucky 811 Board Meetings.		
21	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 (B6) Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato	•		
KPS Sout	sville Gas and Electric filed safety related condition reports during CY2012 resulting from C followed up with the operator on the progress of mitigating the safety related conditions a nern Region Office. Chris Taylor of the Southern Region Office reported that he received a nunication from the KPSC but each update was not within a 30 day timeframe.	and reporte	d status
22	Did the State ask Operators to identify any plastic pipe and components that has shown a record of defects/leaks and what those operators are doing to mitigate the safety concerns? (G13) $Yes = 1 No = 0 Needs Improvement = .5$	1	1
failu			
23	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? (H4) Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato			
	nfomation was discovered that indicated the KPSC had not complied with this requirement.		

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18	Is state verifying operator's gas distribution integrity management Programs (DIMP)? This should include a review of DIMP plans, along with monitoring progress. In addition, the review should take in to account program review and updates of operators plan(s). 49 CFR 192 Subpart P DIMP? First round of program inspections should be complete by December 2014	2	2
	Yes = 2 No = 0 Needs Improvement = 1 or Notes: SC made DIMP inspections a priority for 2012. The KPSC is on track to complete DIMP inspectors by the end of 2014.	oections of	f all distribution
19	Is state verifying operators Public Awareness programs are up to date and being followed. State should also verify operators have evaluated Public Awareness programs for effectiveness as described in RP1162. 49 CFR 192.616 (I13-16) PAPEI Effectiveness Inspections should be complete by December 2013	2	2
	Yes = 2 No = 0 Needs Improvement = 1 or Notes: ng with DIMP inspections, the KPSC has made the inspections of operator's Public Awarene PEI) a priority in 2012. The KPSC is on track to complete PAPEI's by the end of 2013.	ss Prograr	m Effectiveness
20	Does the state have a mechanism for communicating with stakeholders - other than state pipeline safety seminar? (This should include making enforcement cases available to public). (G20-21) $Yes = 1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
sect			
Lou KPS Sou	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 (B6) Yes = 1 No = 0 Needs Improvement = .5 or Notes: disville Gas and Electric filed safety related condition reports during CY2012 resulting from I SC followed up with the operator on the progress of mitigating the safety related conditions at them Region Office. Chris Taylor of the Southern Region Office reported that he received gramunication from the KPSC but each update was not within a 30 day timeframe.	nd reporte	d status to the
22	Did the State ask Operators to identify any plastic pipe and components that has shown a record of defects/leaks and what those operators are doing to mitigate the safety concerns? (G13) $_{\text{Yes}} = 1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
	or Notes: erators have been requested to monitor plastic pipe and component failures. The KPSC has extra information with the AGA's Plastic Pipe Data Committee. The KPSC reviews this information with 102 617		

24 General Comments:

Info Only = No Points

Evaluator Notes:

All of the required courses listed as Mandatory Training for Gas Integrity Management Inspectors have not been completed. The deadline for completing these courses is CY2013. Therefore, if any Gas Transmission Integrity Management inspections are performed in 2013, points could be deducted during the evaluation of the KPSC's CY2013 pipeline safety program.

Total points scored for this section: 46 Total possible points for this section: 46



1	Does the state have written procedures to identify steps to be taken from the discovery to resolution of a probable violation? Chapter 5.1 (B12-14, B16, B1h) Yes = 4 No = 0 Needs Improvement = 1-3	4	4
	a. Procedures to notify an operator (company officer) when a noncompliance is identified	Yes •	No O Needs Improvement
г 1 и	b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No O Needs Improvement
	or Notes: procedures are the same as they were in 2011. The KPSC's procedures provide the operator	s with 3	0 days to respond to
alle ope to c vio con insp	reged probable violations. A form for the operator to complete (if a deficiency is found) is included a reasonable violation. The operator must completed the three questions consider closing the file on the inspection. The operator has the opportunity to argue their casonal lation did not occur. The procedures state that follow up inspections are scheduled after written appliance has been sent to an operator. Each inspection report describes the status of deficience procedures information is entered into the inspection database which can be used to lations.	uded wi s on the e if they en notifi ies foun	th the letter to the form for the KPSC feel like a probable cation of non d in previous
2	Did the state follow compliance procedures (from discovery to resolution) and adequately document all probable violations, including what resolution or further course of action is needed to gain compliance? Chapter 5.1 (B11,B18,B19) Yes = 4 No = 0 Needs Improvement = 1-3	4	4
	a. Were compliance actions sent to company officer or manager/board member if municipal/government system?	Yes •	No O Needs Improvement
	b. Were probable violations documented?	Yes 💿	No O Needs Improvement
	c. Were probable violations resolved?	Yes •	No Needs Improvement
	d. Was the progress of probable violations routinely reviewed?	Yes •	No Needs Improvement
Up	or Notes: on a review of all insection files from 2012, the KPSC documented probable violations found closure of the inspection file. The KPSC maintains a spreadsheet to track the progress of property of the inspection file.		tive actions taken
3	Did the state issue compliance actions for all probable violations discovered? (B15) $Yes = 2 No = 0 Needs Improvement = 1$	2	2
Up wri	or Notes: on a review of all 2012 inspection reports, all inspections that discovered probable violations tten notifications of non compliance. Deficiency Tracking Report forms were attached to earlifications.		
4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. (B17, B20) $Yes = 2 No = 0$	2	2
	or Notes:		111
the	in past years, operators are given an opportunity to provide information that argues a probable Deficiency Tracking Report. If not satisfied with pipeline safety's decision an operator can perhow cause hearing.		
5	Is the program manager familiar with state process for imposing civil penalties? Were civil penalties considered for repeat violations (with severity consideration) or violations resulting in incidents/accidents? (describe any actions taken) (B27) Yes = 2 No = 0 Needs Improvement = 1	2	2

Show Cause / Fines. If the operator fails to respond to the inspection report, responds inadequately, or continues to be cited

Evaluator Notes:

The process has not changed from last year which is:

for similar deficiencies in two consecutive reports, the inspector may recommend that a show cause proceeding be initiated. The basis for the show cause is the most recent annual safety inspection which details the deficiencies for which the operator has been cited. Depending upon the situation, inspection reports previous to the most recent one may also be used. If a show cause hearing is required, the operator must appear and demonstrate what actions have been or will be initiated to correct the deficiencies cited and present a case as to why a fine should not be imposed regarding the past failure to take corrective actions. Exhibit P is the Schedule of Fines used to determine the amount of fine that may be recommended against an operator.

This Schedule has been developed pursuant to KRS 278.990 and KRS 278.992. In determining the amount of the penalty, the following guidelines are considered:

- 1. The appropriateness of the penalty to the size of the business of the person charged.
- 2. The gravity of the violation.
- 3. The good faith of the person charged in attempting to achieve compliance after notification of the violation(s).

During the course of the show cause hearing, the operator may present evidence as to why a fine should not be imposed. Subsequent to the show cause hearing, an operator may also request a conference to discuss the proposed fine, including the negotiation of a compromise amount or the suspension of the fine pending corrective action to be taken towards compliance.

6 Can the State demonstrate it is using their enforcement fining authority for pipeline safety 1 violations?

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

The KPSC issued civil penalty fines to the City of Tompkinsville and Louisville Gas and Electric, both distribution operators.

General Comments:
Info Only = No Points

Info OnlyInfo Only

Evaluator Notes:

The KPSC has generally complied with the requirements of Part D of this evaluation.

Total points scored for this section: 15 Total possible points for this section: 15



1	Does state have adequate mechanism to receive and respond to operator reports of incidents, including after-hours reports? And did state keep adequate records of Incident Accident notifications received? Chapter 6 (A2,D1-3) Yes = 2 No = 0 Needs Improvement = 1	2	2
	a. Acknowledgement of MOU between NTSB and PHMSA (Appendix D)	Yes •	No O Needs Improvement
	b. Acknowledgement of Federal/State Cooperation in case of incident/accident (Appendix E)	Yes •	No O Needs Improvement
The The	or Notes: e KPSC provides operators with instructions on how to report an incident to the KPSC. The e KPSC program manager exhibited knowledge of both the MOU and the cooperation betwe MSA when an incident occurs.		
2	If onsite investigation was not made, did state obtain sufficient information from the operator and/or by other means to determine the facts to support the decision to not go on-site? Chapter 6 (D4) Yes = 1 No = 0 Needs Improvement = .5	1	NA
	or Notes: ere were no reportable incidents in Kentucky during 2012.		
3	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? (D5) Yes = 3 No = 0 Needs Improvement = 1-2	3	NA
	a. Observations and document review	Yes •	No O Needs Improvement
	b. Contributing Factors	Yes •	No Needs Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes ①	No Needs Improvement
	or Notes:		in provenion
The	ere were no reportable incidents in Kentucky during 2012.		
4	Did the state initiate compliance action for violations found during any incident/accident investigation? (D6) $Yes = 1 No = 0$	1	NA
Evaluat	or Notes:		
The	ere were no reportable incidents in Kentucky during 2012.		
5	Did the state assist region office by taking appropriate follow-up actions related to the operator incident reports to ensure accuracy and final report has been received by PHMSA? (validate report data from operators concerning incidents/accidents and investigate discrepancies) Chapter 6 (D7) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluat	or Notes:		
The	ere were no reportable incidents in Kentucky during 2012.		
6	Does state share lessons learned from incidents/accidents? (sharing information, such as at NAPSR Region meetings, state seminars, etc) (G15) Yes = 1 No = 0	1	1
Evaluat	or Notes:		

The program manager covered incidents that occurred in 2011 during his summary of state activities at the NAPSR Southern

General Comments:
Info Only = No Points

Region Meeting.

Info OnlyInfo Only

The KPSC has generally complied with the requirements of Part E of this evaluation.

Total points scored for this section: 3 Total possible points for this section: 3



Has the state reviewed directional drilling/boring procedures of each pipeline operator or its contractor to determine if they include actions to protect their facilities from the dangers posed by drilling and other trench less technologies? NTSB (E1)

Yes = 2 No = 0 Needs Improvement = 1

Evaluator Notes:

The KPSC verifies that operators' procedures address the issue of directional drilling procedures during standard inspections and also during construction inspections where directional drilling is being utilized.

Did the state inspector check to assure the pipeline operator is following its written procedures pertaining to notification of excavation, marking, positive response and the availability and use of the one call system? (E2)

Yes = 2 No = 0 Needs Improvement = 1

2

2

2

Evaluator Notes:

The KPSC covers these requirements on the portion of the inspection form covering Part 192.614.

Did the state encourage and promote practices for reducing damages to all underground facilities to its regulated companies? (i.e. such as promoting/adopting the CGA Best Practices encouraging adoption of the 9 Elements, etc.) (E3)

Yes = 2 No = 0 Needs Improvement = 1

2

2

Evaluator Notes:

Jason Brangers represents NAPSR on the CGA Best Practices Committee. The KPSC participates on the Centraal Kentucky Damage Prevention Council. The KPSC has an item on the federal standard inspection form to promote best practices to operators.

Has the agency or another organization within the state collected data and evaluated trends on the number of pipeline damages per 1,000 locate requests? (This can include DIRT and other data shared and reviewed by the pipeline safety program) (E4,G5)

Yes = 2 No = 0 Needs Improvement = 1

2

Evaluator Notes:

The KPSC is now collecting the pipeline damage data submitted on operators' annual reports. The information is being reviewed but only two years of data is available since operators were required to report this information on its annual reports. Additional years of data will be needed to establish a trend.

5 General Comments: Info Only = No Points Info OnlyInfo Only

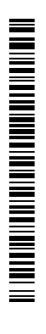
Evaluator Notes:

The KPSC has generally complied with the requirements of Part F of this evaluation.

Total points scored for this section: 8 Total possible points for this section: 8



1	Operator, Inspector, Location, Date and PHMSA Representative Info Only = No Points	Info Only	Info Only
	Name of Operator Inspected: Eliabethtown Natural Gas, OPID 4360		
	Name of State Inspector(s) Observed: Steve Samples		
	Location of Inspection: Elizabethtown, KY		
	Date of Inspection: 8/21 - 22, 2013		
	Name of PHMSA Representative: Don Martin		
distr Awa	r Notes: KPSC conducted an inspection of Elizabethtown Natural Gas (ENG), a municipal operator. ibution and transmission facilities. The scope of the inspection covered primarily focused or reness but also addressed other subparts of CFR192. The KPSC inspector utilized Form 2, Form 21 -Public Awareness.	on DIMP a	and Public
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? (F2) Yes = 1 No = 0	1	1
	r Notes: The KPSC notified the operator approximately one month prior to the inspection. The openhew Hobbs, System Engineer, for the office and records portion of the inspection.	rator was	represented by
3	Did the inspector use an appropriate inspection form/checklist and was the form/checklist used as a guide for the inspection? (New regulations shall be incorporated) (F3) Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluator Yes.	r Notes: The KPSC inspector used federal forms Form 2, 21 and 23.		
4	Did the inspector thoroughly document results of the inspection? (F4) Yes = 2 No = 0 Needs Improvement = 1	2	2
	r Notes: The results of the DIMP and Public Awareness portion was entered into the electronic form ISA. Other results were entered into Form 2.	ns which	can be uploaded to
5	Did the inspector check to see if the operator had necessary equipment during inspection to conduct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.) (F5) $Yes = 1 No = 0$	1	NA
		s includin	g the effectiveness
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list) (F7) Yes = 2 No = 0 Needs Improvement = 1	2	2
	a. Procedures	\boxtimes	
	b. Records	\boxtimes	
	c. Field Activities		



d.

Other (please comment)

 \boxtimes

those required by 192.616 (including API RP1162) and Subpart P. 2 2 Did the inspector have adequate knowledge of the pipeline safety program and regulations? (Evaluator will document reasons if unacceptable) (F8) Yes = 2 No = 0 Needs Improvement = 1**Evaluator Notes:** Yes. Mr. Samples has completed all of the required "core" training courses at Training and Qualifications in Oklahoma City. He has completed DIMP and Public Awareness inspection courses. Mr. Samples had considerable natural gas distribution experience with Columbia Gas prior to his employment with the KPSC. 1 8 Did the inspector conduct an exit interview? (If inspection is not totally complete the 1 interview should be based on areas covered during time of field evaluation) (F9) Yes = 1 No = 0**Evaluator Notes:** The KPSC inspector provided an exit interview with the operator for the portion of the inspection performed during the evaluation visit. Four probable violations were identified. During the exit interview, did the inspector identify probable violations found during the 1 inspections? (if applicable) (F10) Yes = 1 No = 0**Evaluator Notes:** Yes. Four probable violations were identified during the portion of the inspection that was observed during the evaluation visit. The operator was verbally notified of the probable violations during the exit interview. 10 General Comments: What did the inspector observe in the field? (Narrative description Info OnlyInfo Only of field observations and how inspector performed) Best Practices to Share with Other States - (Field - could be from operator visited or state inspector practices) Other. Info Only = No Points Abandonment a. b. **Abnormal Operations** Break-Out Tanks c. d. Compressor or Pump Stations Change in Class Location f. Casings Cathodic Protection g. h. Cast-iron Replacement i. **Damage Prevention** į. Deactivation k. **Emergency Procedures** \boxtimes 1. Inspection of Right-of-Way \boxtimes Line Markers \boxtimes m. Liaison with Public Officials n. o. Leak Surveys MOP p. MAOP q. Moving Pipe r. **New Construction** S. Navigable Waterway Crossings t. u. Odorization Overpressure Safety Devices \boxtimes V. Plastic Pipe Installation w. **Public Education** \boxtimes X. Purging y.

The KPSC inspector covered emergency procedures but not all of the procedures required by 192.605. Records covered



Z.	Prevention of Accidental Ignition	
A.	Repairs	
B.	Signs	\boxtimes
C.	Tapping	
D.	Valve Maintenance	
E.	Vault Maintenance	
F.	Welding	
G.	OQ - Operator Qualification	
H.	Compliance Follow-up	
I.	Atmospheric Corrosion	
J.	Other	\boxtimes
aluator Notes:		
The KPSC insp	ector primarily covered the operator's DIMP plan and Public Awareness Effectivene	es F

Eva

The KPSC inspector primarily covered the operator's DIMP plan and Public Awareness Effectiveness Evaluation in addition to those items checked above.

> Total points scored for this section: 11 Total possible points for this section: 11



PAR	Γ H - Interstate Agent State (If Applicable) Po	ints(MAX)	Score
1	Did the state use the current federal inspection form(s)? (C1) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
The	KPSC is not an interstate agent.		
2	Are results documented demonstrating inspection units were reviewed in accordance w "PHMSA directed inspection plan"? (C2) Yes = 1 No = 0 Needs Improvement = .5	ith 1	NA
Evaluato	or Notes:		
The	KPSC is not an interstate agent.		
3	Did the state submit documentation of the inspections within 60 days as stated in its lat Interstate Agent Agreement form? (C3) Yes = 1 No = 0 Needs Improvement = .5	est 1	NA
	or Notes:		
The	KPSC is not an interstate agent.		
4	Were probable violations identified by state referred to PHMSA for compliance? (NOT PHMSA representative has discretion to delete question or adjust points, as appropriate based on number of probable violations; any change requires written explanation.) (C4 Yes = 1 No = 0 Needs Improvement = .5) ,	NA
Evaluato	or Notes:		
	KPSC is not an interstate agent.		
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (C5) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	or Notes:		
The	KPSC is not an interstate agent.		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found? (C6) $Yes = 1 No = 0 Needs Improvement = .5$	1	NA
	or Notes:		
The	KPSC is not an interstate agent.		
7	Did the state initially submit documentation to support compliance action by PHMSA of probable violations? (C7) Yes = 1 No = 0 Needs Improvement = .5	on 1	NA
	or Notes:		
The	KPSC is not an interstate agent.		
8	General Comments:	Info Onlylı	nfo Only



Total points scored for this section: 0 Total possible points for this section: 0

Evaluator Notes:

The KPSC is not an interstate agent.

PART	TI - 60106 Agreement State (If Applicable)	oints(MAX)	Score
1	Did the state use the current federal inspection form(s)? (B21) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato			
The	KPSC does not have a Section 60106(a agreement with PHMSA.		
2	Are results documented demonstrating inspection units were reviewed in accordance v state inspection plan? (B22) Yes = 1 No = 0 Needs Improvement = .5	with 1	NA
Evaluato	r Notes:		
The	KPSC does not have a Section 60106(a agreement with PHMSA.		
3	Were any probable violations identified by state referred to PHMSA for compliance? (NOTE: PHMSA representative has discretion to delete question or adjust points, as appropriate, based on number of probable violations; any change requires written explanation.) (B23) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	r Notes:		
The	KPSC does not have a Section 60106(a agreement with PHMSA.		
4	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? (B24) $Yes = 1 No = 0 Needs Improvement = .5$	1	NA
Evaluato			
The	KPSC does not have a Section 60106(a agreement with PHMSA.		
5	Did the state give written notice to PHMSA within 60 days of all probable violations found? (B25) $Yes = 1 No = 0 Needs Improvement = .5$	1	NA
Evaluato			
The	KPSC does not have a Section 60106(a agreement with PHMSA.		
6	Did the state initially submit adequate documentation to support compliance action by PHMSA on probable violations? (B26) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	r Notes:		
The	KPSC does not have a Section 60106(a agreement with PHMSA.		
7	General Comments:		nfo Only
•	Info Only = No Points		
Evaluato	•		
The	KPSC does not have a Section 60106(a agreement with PHMSA.		



Total points scored for this section: 0 Total possible points for this section: 0