U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration

2016 Gas State Program Evaluation

for

Alabama 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)



2016 Gas State Program Evaluation -- CY 2016 Gas

State Agency: Alabama Rating:

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

Date of Visit: 06/26/2017 - 08/11/2017

Agency Representative: Wallace Jones, Sr. - Director, Gas Pipeline Safety Division

PHMSA Representative: Patrick Gaume & Clint Stephens

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

Name/Title: Twinkle Andress Cavanaugh, President

Agency: Alabama Public Service Commission

Address: 100 N. Union St., Suite 800 City/State/Zip: Montgomery, Alabama 36104

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 2016 (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

A Progress Report and Program Doc 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 of the complete of t	umentation Review	10 13 49 15 10 8	9.5 13 46 15 10
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)		49 15 10	46 15
C Program Performance D Compliance Activities E Incident Investigations F Damage Prevention G Field Inspections H Interstate Agent State (If Applicable)		15 10	15
D Compliance Activities E Incident Investigations F Damage Prevention G Field Inspections H Interstate Agent State (If Applicab		10	
E Incident Investigations F Damage Prevention G Field Inspections H Interstate Agent State (If Applicab			10
F Damage Prevention G Field Inspections H Interstate Agent State (If Applicab		8	0
G Field Inspections H Interstate Agent State (If Applicab		· ·	8
H Interstate Agent State (If Applicab		12	12
interstate rigent state (ir rippireae	ole)	0	0
I 60106 Agreement State (If Applic	able)	0	0
TOTALS		117	113.5
State Rating			97.0

DADEC

PART A - Progress Report and Program Documentation Review

Points(MAX) Score

	RUVIUM		
	Accuracy of Jurisdictional Authority and Operator/Inspection Units Data - Progress Report Attachment 1 Yes = 1 No = 0 Needs Improvement = .5 tor Notes: NI. 0.5 of 1pt. The Attachment 1 Unit counts were incorrect. Revision has already been n	1 nade. The	0.5 revision will be in
	reement with Attachment 3. Attachment 1 is in agreement with Attachment 8.		
2	Review of Inspection Days for accuracy - Progress Report Attachment 2 Yes = 1 No = 0 Needs Improvement = .5	1	1
	tor Notes: 2. Yes. The inspection person days on Attachment 2 matched the APSC's 2016 inspection re	cords	
3	Accuracy verification of Operators and Operators Inspection Units in State - Progress Report Attachment 3 Yes = 1 No = 0 Needs Improvement = .5	1	1
A3	tor Notes: 3. Yes. The APSC's listing of operators and units matched the spreadsheet listing kept by the Attachment 3 demonstrated the Attachment 1 errors.	APSC. T	The number of units
4	Were all federally reportable incident reports listed and information correct? - Progress Report Attachment 4 Yes = 1 No = 0 Needs Improvement = .5	1	1
A 4	tor Notes: 4. Yes. There were two significant incidents or accidents in 2016. Both were investigated or site investigate all significant incidents or accidents.	n-site. It is	s APSC practice to
5	Accuracy verification of Compliance Activities - Progress Report Attachment 5 Yes = 1 No = 0 Needs Improvement = .5	1	1
Evalua	tor Notes:		
A5	5. Yes. There were no errors found on Attachment 5.		
6	Were pipeline program files well-organized and accessible? - Progress Report Attachment 6 Yes = 2 No = 0 Needs Improvement = 1	2	2
Evolue	tor Notes:		

A6. Yes. Attachment 6 is accurate. APSC paper records are now 'old' records. The official records for current records are now electronic. There is an effort to scan recent paper records and place them into the electronic database. Currently the 'official' records are in paper form (older) and electronic (newer). The records are found as appropriate on the 9th floor. The electronic files are backed up onto the server. I recommended that the server be backed up to off-site storage.

Was employee listing and completed training accurate and complete? - Progress Report 1 1 Attachment 7

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes

A7. Yes. Attachment 7 appears to be correct. These time allocations are submitted to accounting and are applied to the following year. There appears to be a small time allocation variation from year to year. 100% time is dedicated to pipeline safety with some employees having time split between HL & NG.

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

Yes = 1 No = 0 Needs Improvement = .5



Evaluator Notes:

A8. Yes. Attachment 8 appears to be correct. No discrepancies were found with the APSC's Attachment 8 information.

9 List of Planned Performance - Did state describe accomplishments on Progress Report in 1
 1 detail - Progress Report Attachment 10

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

A9. Yes. No issues identified with Attachment 10. It is s a good description of the APSC's program.

10 General Comments:

Info OnlyInfo Only

Info Only = No Points

Evaluator Notes:

A10. Yes. The error in Attachment 1 resulted in a 0.5-point reduction. It is noted that, effective June 26, 2017, the Director now has authority to recommend civil penalties for violations of the regulations through an administrative process and not have to go through a Formal Hearing. Operator privilege to request a Hearing is preserved.

Total points scored for this section: 9.5 Total possible points for this section: 10



1

1

1

1

1

1 Standard Inspection procedures should give guidance to state inspectors that insure 2 consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities. Yes = 2 No = 0 Needs Improvement = 1**Evaluator Notes:** B1. Yes. APS Operations Plan Sec V subsection B&C; &G; & S,T,& U. 2 IMP and DIMP Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities. Yes = 1 No = 0 Needs Improvement = .5**Evaluator Notes:** B2. Yes. APS Operations Plan Sec V subsection B&C; & N & P; & S,T,& U. 3 OQ Inspection procedures should give guidance to state inspectors that insure 1 consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities. Yes = 1 No = 0 Needs Improvement = .5**Evaluator Notes:** B3. Yes. APS Operations Plan Sec V subsection B&C; &I; & S,T,& U. Damage Prevention Inspection procedures should give guidance to state inspectors that 1 4 insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, postinspection activities. Yes = 1 No = 0 Needs Improvement = .5**Evaluator Notes:** B4. Yes. APS Operations Plan Sec V subsection B&C; &M; & S,T,& U. Any operator training conducted should be outlined and appropriately documented as 5 needed. Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

B5. Yes. APS Operations Plan Sec V subsection L.

6 Construction Inspection procedures should give guidance to state inspectors that insure consistency in all inspections conducted by the state? The following elements should be addressed at a minimum - pre-inspection activities, inspection activities, post-inspection activities.

1

Yes = 1 No = 0 Needs Improvement = .5

Evaluator Notes:

B6. Yes. APS Operations Plan Sec V subsection H. Also B&C; & S,T,& U. APSC uses its State Form, and The State Form appears adequate, but they will also use the federal construction forms, Form 05 & Form 07, which are the federal construction forms for NG & HL as needed.

7 Does inspection plan address inspection priorities of each operator, and if necessary each unit, based on the following elements?

Yes = 6 No = 0 Needs Improvement = 1-5

a. Length of time since last inspection (Within five year interval)

6



	b. Operating history of operator/unit and/or location (includes leakage, incident and compliance activities)	Yes •	No 🔾	Needs Improvement
	c. Type of activity being undertaken by operators (i.e. construction)	Yes 💿	No 🔘	Needs Improvement
	d. Locations of operators inspection units being inspected - (HCA's, Geographic areas, Population Density, etc)	Yes •	No 🔾	Needs Improvement
	e. Process to identify high-risk inspection units that includes all threats - (Excavation Damage, Corrosion, Natural Forces, Outside Forces, Material and Welds, Equipment, Operators and any Other Factors)	Yes •	No 🔾	Needs Improvement
	f. Are inspection units broken down appropriately?	Yes 💿	No 🔘	Needs Improvement
insp), Also Sec VI subsection A Background (specifically for construction, incidents & acciden	ts). Yes	for parts	a,b,c,d,e,&
8	General Comments: Info Only = No Points	Info On	lyInfo Oı	ıly
Evaluato	·			
В8.	Yes. The APSC procedures are well developed and highly functional. Full points were aw	arded in	this Sec	tion.
	Total points so Total possible p			
	1 Otal possible p	omis ioi	uns seci	1011. 13

5

	State Programs may modify with just cause) Chapter 4.3 Yes = 5 No = 0			
	A. Total Inspection Person Days (Attachment 2): 942.50			
	B. Total Inspection Person Days Charged to the Program (220 X Inspection Person Years) (Attachment 7): 220 X 7.30 = 1605.27			
	Ratio: A / B 942.50 / 1605.27 = 0.59			
Evaluate	If Ratio >= 0.38 Then Points = 5, If Ratio < 0.38 Then Points = 0 Points = 5			
C1.	or Notes: Yes. NG Total Insp Person Days is 942.5. Total insp person days charged to the Program is ratio is 942.5/1606=0.587. 0.587>0.38.	is 7.30 ye	ars or 16	606 days.
2	Has each inspector and program manager fulfilled the T Q Training Requirements? (See Guidelines Appendix C for requirements) Chapter 4.4 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
Evaluate	e. Verify inspector has obtained minimum qualifications to lead any applicable standard inspection as the lead inspector.	Yes •	No 🔾	Needs Improvement
C2. Out	or Notes: Yes, Yes, Yes, Yes, Yes. All lead inspectors are qualified to Standard, imp, OQ, & 3 inspective side training includes several inspectors with extensive industry experience, H2S training, CZWOPER Certification.			
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 $Yes = 2 No = 0$ Needs Improvement = 1	2	:	2
C3.	or Notes: Yes. Wallace Jones demonstrates a professional knowledge of the Pipeline Safety Programmed TQ classes and most electives too.	n. He ha	s also coi	mpleted the
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 Yes = 2 No = 0 Needs Improvement = 1	2		2
C4.	Yes. Letters, dated 12/1/16 & 1/19/17, are within the 60 day response time, especially consuired items were addressed.	sidering r	nail time	. All eight
5	Did State conduct or participate in pipeline safety training session or seminar in Past 3 Years? Chapter 8.5 $Y_{es} = 1 N_0 = 0$	1		1
	or Notes: Yes. The last seminar was held in November of 2016. The APSC conducts its seminar annual conducts its seminar annual conducts.	ually. Ir	ı additior	ı, APSC co-

Was ratio of Total Inspection person-days to total person days acceptable? (Director of



hosts the annual TQ Seminar in New Orleans.

	Chapter 5.1		
	Yes = 2 No = 0 Needs Improvement = 1 Notes: Yes. Seven files of inspections with probable violations were reviewed which included both satisfactory.	ı NG & H	IL. All were f
8	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 $Y_{es} = 1 N_0 = 0$	1	1
Evaluator	Notes:		
C8.	Yes. it is covered on the Standard Inspection forms		
9	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 Yes = 1 No = 0	1	1
Evaluator			
C9.	Yes, it is covered on the Standard Inspection forms.		
10 Evaluator C10.	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 Yes = 1 No = 0 Notes: Yes, it is covered on the Standard Inspection forms.	1	1
11	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 $_{\text{Yes}} = 1 \text{ No} = 0$	1	1
Evaluator			
	Yes, it is covered on the Standard Inspection forms.		
12	Has the state reviewed Operator Annual reports, along with Incident/Accident reports, for accuracy and analyzed data for trends and operator issues? Yes = 2 No = 0 Needs Improvement = 1	2	2

Did state inspect all types of operators and inspection units in accordance with time

inspections during the remainder of 2017. This is a best effort considering their available manpower.

Did inspection form(s) cover all applicable code requirements addressed on Federal

C6. NI. 4 of 5 points. The frequency of Standard Inspections are in good order. PAPEI are in good order. Construction & incident inspections are fine. All 8 LIMP inspections are within the 5 yr frequency. All TIMP inspections are now current save two. Those two are currently being performed and waiting on additional information from the operators. This is a best effort considering their available manpower. It was discovered that 137 of 141 OQ Program inspections (NG & HL total) were beyond the 5 yr frequency during the CY2014 Program Evaluation. 64 Operators were OQ re-inspected by the CY2015 Program Evaluation. 50 more Operators were OQ re-inspected by the CY2016 Program Evaluation. Operator count has been reduced from 141 to 134 currently (126 NG & 8 HL). A plan is in place to perform the remaining 16 operator OQ

intervals established in written procedures? Chapter 5.1

Yes = 5 No = 0 Needs Improvement = 1-4

5

2

4

2

Alabama Public Service Commission, Page: 8

6

7

Evaluator Notes:

DUNS: 961833431

2016 Gas State Program Evaluation

has b	een utilizing trend charts for cast iron replacement since 2008.		
13	Did state input all applicable OQ, DIMP/IMP inspection results into federal database in a timely manner? This includes replies to Operator notifications into IMDB database. Chapter 5.1 Yes = 2 No = 0 Needs Improvement = 1	2	2
Evaluator			
C13.	Yes. the OQ and IMP databases show regular and recent uploading of inspections.		
14	Has state confirmed intrastate transmission operators have submitted information into NPMS database along with changes made after original submission? Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluator			
C14.	Yes, The APSC uses Form 1, the federal form for the inspection of gas transmission pipelin IS is on Page 3 of the federal form.	es. The requ	uirement for
15	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 Yes = 2 No = 0 Needs Improvement = 1	2	2
	Yes. The APSC reviews program changes during each standard inspection. The APSC condections as a part of standard inspections during 2016.	ducted 108	drug and alcohol
16	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 Yes = 2 No = 0 Needs Improvement = 1	2	2
Stand	Notes: Yes. All operators' OQ programs have been inspected. The APSC reviews compliance with dard Inspection. The APSC performed and uploaded several OQ Program reviews and field p g 2016.		
17	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). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart 0 Yes = 2 No = 0 Needs Improvement = 1	2	2
Stand	•		-
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). (Are the State's largest operators programs being contacted or reviewed annually?). 49 CFR 192 Subpart P DIMP? First round of program inspections should have been complete by December 2014 Yes = 2 No = 0 Needs Improvement = 1	2	1
Evaluator C18.	Notes: NI 1 of 2 points. All DIMP have been done and have successfully uploaded 92 into the data	base. The	remaining 11

have been uploaded but are not showing in the database. APSC contacted its inspection staff to find and upload (or reupload) the missing 11 inspections. They were not found. The 11 DIMP re-inspections are now scheduled for 2017.

C12. The APSC reviews the data from annual reports and utilizes a major portion of the data in its risk model. The APSC

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. PAPEI Effectiveness Inspections should have been completed by December 2013. PAPEI Effectiveness Inspections should be conducted every four years by operators. 49 CFR 192.616 Yes = 2 No = 0 Needs Improvement = 1	2	1
cont	or Notes: NI 1 of 2 points. All PAPEI have been done and 95 have been successfully uploaded into the acted its inspection staff to find and upload (or re-upload) the missing 10 inspections. They re-inspections are now scheduled for 2017.		
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). Yes = $1 \text{ No} = 0 \text{ Needs Improvement} = .5$	1	1
	or Notes: . Yes. The APSC posts pipeline safety information on the Commission's website. The APSC entations at Alabama Natural Gas Association meetings; Also the annual Alabama Damage I		
21 Evaluato	Did state execute appropriate follow-up actions to Safety Related Condition (SRC) Reports? Chapter 6.3 Yes = 1 No = 0 Needs Improvement = .5 or Notes:	1	1
C21	. YES. The SRC reported in 2016 was addressed.		
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?	1	1
	Yes = 1 No = 0 Needs Improvement = .5 or Notes: Yes. The APSC has included Question 39 on their inspection forms which cover the issue of ponent failures.	of plastic	pipe and
23	Did the state participate in/respond to surveys or information requests from NAPSR or PHMSA? Yes = 1 No = 0 Needs Improvement = .5	1	1
Evaluato C23	or Notes: . Yes. APSC fully participates with NAPSR & PHMSA.		
24	If the State has issued any waivers/special permits for any operator, has the state verified conditions of those waivers/special permits are being met? This should include having the operator amend procedures where appropriate. No = 0 Needs Improvement = .5 Yes = 1	1	1
spec to H	· ·	-odorized -Mobil in	gas to be delivered
25	Did the state attend the National NAPSR Board of Directors Meeting in CY being	1	1

C25. Yes. The APSC sent three employees to the National NAPSR Meeting, including the Program Manager.

27	Discussion with State on accuracy of inspection day informa Inspection Day Calculation Tool. (No points) Info Only = No Points	ation submitted into State Info OnlyInfo Only
	or Notes:	
oper	7. Yes. It is a learning process to learn how much time each typerators require more time as they are more complicated. Applying curve. This is an ongoing, living, iterative process.	
28	Did the State verify Operators took appropriate action regard	ding Pipeline Flow Reversals, Info OnlyInfo Only
-0	Product Changes and Conversions to Service? See ADP-201 Info Only = No Points	
Evaluato C28.	Product Changes and Conversions to Service? See ADP-201	14-04 (No Points) s, product changes, or conversion to service in the state.
Evaluato C28.	Product Changes and Conversions to Service? See ADP-201 Info Only = No Points or Notes: 8. No information: APSC is not aware of any PL flow reversals	14-04 (No Points) s, product changes, or conversion to service in the state.
Evaluato C28. Reco 29 Evaluato	Product Changes and Conversions to Service? See ADP-201 Info Only = No Points or Notes: 3. No information: APSC is not aware of any PL flow reversals commended that this question be added to the Standard Inspection General Comments: Info Only = No Points or Notes:	14-04 (No Points) Is, product changes, or conversion to service in the state. Info OnlyInfo Only
Evaluato C28. Recc 29 Evaluato C29.	Product Changes and Conversions to Service? See ADP-201 Info Only = No Points or Notes: 3. No information: APSC is not aware of any PL flow reversals commended that this question be added to the Standard Inspection General Comments: Info Only = No Points	14-04 (No Points) Is, product changes, or conversion to service in the state. Info OnlyInfo Only Dipelines for safety. They are aware of the need to perform

Discussion on State Program Performance Metrics found on Stakeholder Communication

Discussion of Potential Accelerated Actions (AA's) based on any negative trends

Inspection Activity; AL is meeting its inspection goals and is looking to fill its open position ASAP

C26. Yes. The PM pulled up the data. The information appears to be accurate. The PM plans to compare this data with his

site - http://primis.phmsa.dot.gov/comm/states.htm

NTSB P-11-20 Meaningful Metrics

internal data. This information appears to hold promise to be of value.

Damage Prevention Program; leaks per thousand are generally flat.

Inspector Qualification; AL is fully focused on inspector training.

Leak Management; AL is monitoring; no significant threats identified at this time.

No = 0 Needs Improvement = 1 Yes = 2

2

Yes (•)

Yes

2

No ()

No 🔾

Needs Improvement

Needs Improvement

26

a.

b.

Evaluator Notes:

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 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 🔾	Needs Improvement
	b. Procedures to routinely review progress of compliance actions to prevent delays or breakdowns	Yes •	No 🔾	Needs Improvement
	c. Procedures regarding closing outstanding probable violations	Yes 💿	No 🔘	Needs Improvement
D1 pro rec	tor Notes: Yes, Yes, & Yes. The APSC's procedures include a matrix of response timeframes depending to bable violation. It is described on Page 22 & 23 of the APSC's inspection and enforcement properties and the actual response date are kept by each lead inspector for follow-up. Written comprespondence must be sent to an officer of a private company.	rocedure	s. Respo	of the
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 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 🔾	Needs Improvement
	b. Document probable violations	Yes 💿	No 🔾	Needs Improvement
	c. Resolve probable violations	Yes 💿	No 🔾	Needs Improvement
	d. Routinely review progress of probable violations	Yes •	No 🔘	Needs Improvement
	e. Were applicable civil penalties outlined in correspondence with operator(s)	Yes •	No 🔘	Needs Improvement
D2 co: to	tor Notes: 2. Yes, yes, yes, yes & Yes, 4 of 4 points. Upon a review of randomly selected inspection file ntained responses from operators within the deadlines given by the APSC. APSC has a written perform follow-up every quarter until compliance is achieved. Compliance notifications were nen a private company was involved. APSC is outlining potential civil penalties in correspondent.	n policy e sent to	in their j	procedures officer
3	Did the state issue compliance actions for all probable violations discovered? Yes = 2 No = 0 Needs Improvement = 1	2		2
D3	tor Notes: 3. Yes. Upon a review of randomly selected inspection files completed during 2016, all inspendibable violations had letters of non-compliance in the files.	ections w	ith disco	vered
4	Did compliance actions give reasonable due process to all parties? Including "show cause" hearing if necessary. Yes $= 2 \text{ No} = 0$	2	:	2
D4 pro	tor Notes: A. Yes. The APSC's rules and procedures provide operators with an opportunity to argue their obable violation occurred. The operator is provided with an opportunity to present its case in a presiding officer or the commission. Upon a review of randomly selected inspection files the Approximation of the commission of the commission.	show o	cause" he	earing before
5	Is the program manager familiar with state process for imposing civil penalties? Were	2		2

civil penalties considered for repeat violations (with severity consideration) or violations

D5. Yes. Page 21 of the APSC's inspection and enforcement procedures identify the criteria to be considered to determine a level of civil penalty fine. It addresses the severity of the probable violation, if the probable violation was repeated, the

resulting in incidents/accidents? (describe any actions taken)

operator's ability to pay, and whether or not an accident resulted in an injury or fatality.

Yes = 2 No = 0 Needs Improvement = 1



Evaluator Notes:

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:

D6. Yes. APSC assessed a Civil Penalty in 2014. It is noted that, effective June 26, 2017, the GPS Director now has authority to recommend civil penalties for violations of the regulations through an administrative process and not have to go through a Formal Hearing. Operator privilege to request a Hearing is preserved.

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

Evaluator Notes:

D7. Yes. APSC has established Compliance processes.

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



1	Does the state have written procedures to address state actions in the event of an incident/accident? Yes = 2 No = 0 Needs Improvement = 1	2		2
Evaluate	or Notes:			
	Yes. APS Operations Plan Sec VI subsections A-G. The APSC investigates incidents as the	ney occu	r.	
2	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 Yes = 2 No = 0 Needs Improvement = 1	2		2
	a. Acknowledgement of MOU between NTSB and PHMSA (Appendix D)	Yes (•)	No ()	Needs
E-values.	b. Acknowledgement of Federal/State Cooperation in case of incident/accident (Appendix E) or Notes:	Yes •	No 🔾	Improvement Needs Improvement
E2. Cor	Yes. The APSC publishes and disseminates contact information to operators. A contact list mmission's web site. After hour contact instructions are also included. The Program Manager DU and understands the cooperation between the state and PHMSA as outlined in the Append	r is know	ledgeabl	le of the
3	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 Yes = 1 No = 0 Needs Improvement = .5	1		1
E3.	or Notes: Yes. It is APS policy to perform on-site investigations of significant incidents/accidents. For investigated on-site in 2016. If an on-site investigation is not made, then there is provision primation telephonically.			
4	Were all incidents investigated, thoroughly documented, and with conclusions and recommendations? Yes = 3 No = 0 Needs Improvement = 1-2	3		3
	a. Observations and document review	Yes •	No 🔘	Needs Improvement
	b. Contributing Factors	Yes •	No 🔘	Needs Improvement
	c. Recommendations to prevent recurrences when appropriate	Yes •	No 🔘	Needs Improvement
	or Notes: Yes, Yes, & Yes. The onsite investigations were complete. The Federal Form was used.			improvement
5	Did the state initiate compliance action for violations found during any incident/accident investigation? Yes = 1 No = 0	1	N.	A
Evaluate	or Notes:			
E5.	NA. There were no probable violations for incidents or accidents in 2016			
6 Evaluate	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 Yes = 1 No = 0 Needs Improvement = .5 or Notes:	1		1



E6. Yes. APSC is cooperative with PHMSA Southern Region.

Does state share lessons learned from incidents/accidents? (sharing information, such as: 1 at NAPSR Region meetings, state seminars, etc)
Yes = 1 No = 0

Evaluator Notes:

E7. Yes. Wallace Jones communicates this information during Southern Region Meetings & in the State hosted Pipeline Safety Seminars both in AL & in New Orleans.

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

Evaluator Notes:

E8. Yes. APSC responds to notices of incidents and accidents.

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



2

Evaluator Notes:

F1. Yes. The APSC conducts reviews of operators' OM procedures on a three year rotational basis. Directional drilling/ boring procedures are a part of the review. The APSC uses the federal standard inspection form which covers this requirement. It is also on the State Form and is addressed during construction too.

2 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? Yes = 2 No = 0 Needs Improvement = 1

2

2

2

Evaluator Notes:

F2. Yes. The APSC's standard inspection form Question 25 has the inspector review the operator's damage prevention program and records.

3 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.) Yes = 2 No = 0 Needs Improvement = 1

2

Evaluator Notes:

F3. Yes. The Program Manger participates in the Alabama Damage Prevention Alliance where he has encouraged stakeholder representatives to use CGA Best Practices. The APSC includes damage prevention topics during its annual pipeline safety seminar. It is also addressed during the Damage Prevention Summit. In addition, the Director is a member of the One Call System Study Commission which is tasked to improve the existing One Call Law in AL.

4 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) Yes = 2 No = 0 Needs Improvement = 1

2

Evaluator Notes:

F4. Yes. The APSC collects this information each year and uses the information in its relative risk ranking model. The data is insufficient to establish any trends at this time.

5 General Comments: Info OnlyInfo Only

Info Only = No Points

F5. Yes. The APSC generally complied with the requirements of Part F of this evaluation and supports Damage Prevention efforts.

> 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 OnlyInfo	Only
	Name of Operator Inspected:		
	East Central Alabama Gas District, opid 30530		
	Name of State Inspector(s) Observed: Randy Hammond, Sr. Gas Pipeline Safety Investigator, APSC		
	Location of Inspection: 40717 Hwy 77, Ashland, AL 36251		
	Date of Inspection: 8/9-10/17		
	Name of PHMSA Representative:		
Evaluato	Patrick Gaume or Notes:		
G1.	East Central Alabama Gas District, opid 30530		
	dy Hammond, Sr. Gas Pipeline Safety Investigator, APSC. 17 Hwy 77, Ashland, AL 36251		
	10/17 Patrick Gaume		
2	Was the operator or operator's representative notified and/or given the opportunity to be present during inspection? $Yes = 1 No = 0$	1	1
Evaluato	r Notes:		
G2.	Yes. 10 operator personnel participated in this inspection, in the Office, the Field, or both.		
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) Yes = 2 No = 0 Needs Improvement = 1	t 2	2
Evaluato			
G3.	Yes. The Federal Form for NG Std Insp.		
4	Did the inspector thoroughly document results of the inspection?	2	2
	Yes = 2 No = 0 Needs Improvement = 1		
Evaluato			
G4.	Yes, The entire form was filled out.		
5	Did the inspector check to see if the operator had necessary equipment during inspection	1	1
	to conduct tasks viewed? (Maps,pyrometer,soap spray,CGI,etc.)		
Evaluato	Yes = 1 No = 0 or Notes:		
	Yes. CP equipment, hand tools, keys, valve handles, paint.		
6	Did the inspector adequately review the following during the field portion of the state evaluation? (check all that apply on list)	2	2
	Yes = 2 No = 0 Needs Improvement = 1		
	a. Procedures	\boxtimes	
	b. Records	\boxtimes	
	c. Field Activities		
Evaluato	d. Other (please comment)		
	U INDIES		

G6. Yes, yes, NA, Performed a Full Std insp.

/	regulati	ons? (Evaluator will document reasons if unaccep		2	2
		No = 0 Needs Improvement = 1			
	or Notes:	dr. norformed his duties in a professional manner			
<u> </u>	. Tes. Kan	dy performed his duties in a professional manner.			
8		inspector conduct an exit interview? (If inspection we should be based on areas covered during time of $N_0 = 0$		1	1
Evaluate	or Notes:				
eros	sion under	ssues with procedures or records. Field issues we a fence, short bolts at a city gate. Also need a cp maintenance.			
9	_	the exit interview, did the inspector identify proba- ons? (if applicable) $N_0 = 0$	able violations found during the	1	1
G9.	sion under	ssues with procedures or records. Field issues we a fence, short bolts at a city gate. Also need a cp maintenance.			
10	descript with Ot	Comments: 1) What did the inspector observe in ion of field observations and how inspector perforer States - (Field - could be from operator visited	rmed) 2) Best Practices to Share	nfo OnlyInfo	Only
	Other.				
	•	y = No Points			
	a.	Abandonment			
	b.	Abnormal Operations			
	C.	Break-Out Tanks			
	d.	Change in Class Leasting			
	e.	Change in Class Location			
	f.	Casings			
	g.	Cathodic Protection			
	h.	Cast-iron Replacement			
	1.	Damage Prevention			
	j.	Deactivation			
	k.	Emergency Procedures			
	1.	Inspection of Right-of-Way			
	m.	Line Markers			
	n.	Liaison with Public Officials			
	0.	Leak Surveys			
	p.	MOP			
	q.	MAOP			
	r.	Moving Pipe			
	S.	New Construction			
	t.	Navigable Waterway Crossings			
	u.	Odorization			
	V.	Overpressure Safety Devices			
	W.	Plastic Pipe Installation			
	Χ.	Public Education			
	y.	Purging			
	Z.	Prevention of Accidental Ignition			
	A.	Repairs			



C. Tapping	
D. Valve Maintenance	
E. Vault Maintenance	
F. Welding	
G. OQ - Operator Qualification	
H. Compliance Follow-up	
I. Atmospheric Corrosion	\boxtimes
J. Other	
r Notes:	

Evaluator Notes:

G10. This was a standard inspection of a LDC. They have the resources necessary to be in full compliance. Best Practice observed was to mark valve orientation with screw drivers driven into the ground before valve operation; it is a safety check in case the valves don't have internal stops. Items observed in the Field include items: f, g, i, j, k, l, m, n, q, v, I.

Total points scored for this section: 12 Total possible points for this section: 12



PART	TH - Interstate Agent State (If Applicable)	oints(MAX)	Score
1	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	·		
	8. NA. Not an Interstate Agent Program.		
2	Are results documented demonstrating inspection units were reviewed in accordance were "PHMSA directed inspection plan"? Yes = 1 No = 0 Needs Improvement = .5	with 1	NA
Evaluato	r Notes:		
H1-	8. NA. Not an Interstate Agent Program.		
3	Did the state submit documentation of the inspections within 60 days as stated in its la Interstate Agent Agreement form? Yes = 1 No = 0 Needs Improvement = .5	itest 1	NA
Evaluato			
H1-	8. NA. Not an Interstate Agent Program.		
4	Were probable violations identified by state referred to PHMSA for compliance? (NO PHMSA representative has discretion to delete question or adjust points, as appropriat based on number of probable violations; any change requires written explanation.) Yes = 1 No = 0 Needs Improvement = .5		NA
Evaluato			
H1-	8. NA. Not an Interstate Agent Program.		
5	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato	r Notes:		
H1-	8. NA. Not an Interstate Agent Program.		
6	Did the state give written notice to PHMSA within 60 days of all probable violations found? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluato			
H1-	8. NA. Not an Interstate Agent Program.		
7	Did the state initially submit documentation to support compliance action by PHMSA probable violations? Yes = 1 No = 0 Needs Improvement = .5	on 1	NA
Evaluato			
	8. NA. Not an Interstate Agent Program.		
8	General Comments: Info Only = No Points	Info Onlyl	nfo Only



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

Evaluator Notes:

H1-8. NA. Not an Interstate Agent Program.

PART	I - 60106 Agreement State (If Applicable)	Points(MAX)	Score
1	Did the state use the current federal inspection form(s)? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluator	•		
	NA. Not a 60106 Program.		
2	Are results documented demonstrating inspection units were reviewed in accordance state inspection plan? Yes = 1 No = 0 Needs Improvement = .5	with 1	NA
Evaluato	· Notes:		
I1-7.	NA. Not a 60106 Program.		
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.) Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluator			
I1-7.	NA. Not a 60106 Program.		
4	Did the state immediately report to PHMSA conditions which may pose an imminent safety hazard to the public or to the environment? Yes = 1 No = 0 Needs Improvement = .5	1	NA
Evaluator	· Notes:		
I1-7.	NA. Not a 60106 Program.		
5	Did the state give written notice to PHMSA within 60 days of all probable violations found?	1	NA
Evaluator	Yes = 1 No = 0 Needs Improvement = .5 Notes:		
	NA. Not a 60106 Program.		
	1.1. 1.00 a 00100 1.0 g.u		
6	Did the state initially submit adequate documentation to support compliance action b PHMSA on probable violations? Yes = 1 No = 0 Needs Improvement = .5	y 1	NA
Evaluator	· Notes:		



Info OnlyInfo Only

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

7

Evaluator Notes:

I1-7. NA. Not a 60106 Program.

General Comments: Info Only = No Points

I1-7. NA. Not a 60106 Program.