112953

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

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	1181	2000	j
	HX-	MIST	
1	11 - 1	1	

1.	Manufactured an	d certif	ied by _		FABSCO	SHELL	& TU	BE, L	LC., 2410 (Name and add	NDUST	RIALR	OAD, SAPL	JLPA,	OK 74066	
2.	Manufactured for		SOUT	HERN (COMPAN	Y SERV	ICES,	42 II	VERNNES	S CENT	ER PK	WY, BIRMI	NGHA	AM, AL 3524	2
3.	Location of instal	lation							EMPER CO	DUNTY, I	/IS				
	Location of installation KEMPER COUNTY, MS (Name and address) Type: HORIZ. HEAT EXCHANGER (Honz, vert., or sphere) (Tank, separator, jkt. vessel, heat exh., etc.) (Migs senal No.)														
		WA (H	(Nati Bd. No.) (Nati Bd. No.)							2012					
		CRN)												(Year built)	
5.	ASME Code, Sec	ction V	III, Div. 1		2010	ED.			TC o	N/A			Spacial Sa	N/A rvice per UG-120(d))	
	s 6-11 incl. to be														
	Shell (a) No. o								verall length (f						
	Course(-	Material	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	kness		Long. Joint (Ca			m. Joint (Cat. A, I	B, & C)	Heat Treatn	nent
No.		_	h (ft & in.)		Spec./Grade or Type Nom.			Туре							Time
1	23 1/4" I.D.		3'-0"		A-516-70N	3/8"	1/8"	S	FULL	1.00	S	FULL	1.00	1175	1.00
1	23 1/4" I.D.	7	7'-2"	S	A-516-70N	3/8"	1/8"	S	FULL	1.00	S	FULL	1.00	1175	1.00
7.	Heads: (a) S	A-51	6-70N I	H.T.@ 1	175 deg I	F. for 1.	00 Ho	urs	(b)	(N	lat'l Spec.	No., Grade or Type) (H.T T	ımə & Temp.)	
	Location (Top,	Thic	kness	Ra	dius	Elliptical	Coni	cal I	Hemispherical	Flat	-	to Pressure		Category A	
	Bottom, Ends)		Corr.	Crown	Knuckle	Ratio	Apex A		Radius	Diameter	Conve	x Concave	Type	Full, Spot, None	Eff.
(a)	END	5/16	1/8"	NA	, NA	2:1	N/	1	NA	NA	* NA	х	S	FULL	1.00
(b)															
If rer	novable, bolts us	ed (de	scribe ot	her faster	ning)	101-17-7			(6)	lati Spec. No.,	A Grada siz	a No.1			
я .	Type of jacket								· · ·				A		
	and the same				- trees							(Describe as oge	e & weld,	bar, etc.)	
1	f bar, give dimen	sions						NA	242		•	00	If bol	ted, describe or	70.000
9. 1	If bar, give dimen MAWP 310	<u> </u>	NA	p:	si at max. te	mp. 2	05 amai)	-	external) °F N	Ain. design	metal te	mp. <u>-28</u>		at	psi.
	(intern		amané E		0/6)	001-11-) Fig	ucs-	66 Notels) & ucs-(6 7 a	it test temperat	ure of_	NA	°F.
10.	mpact test N	O,Ex	գուհք բ	erug-z	u(i), ucs-	55(a)(c	7, 1 19	roped to	elodi						
10.	Impact test N	O,EX	empt r	erug-Zi	cate yes or no	and the comp	onent(s)	impact te	Proof test			NA	ď	×.	
10. I	Hydro., Test pres	S.		-		55(a)(C and the comp 404	onent(s)	impact te	Proof test		e	NA	æ	<u> </u>	
10. 11. Items	Hydro., Test pres s 12 and 13 to be	s. comp	leted for	tube sect	ions.	404			Proor test _	***************************************	e	IVA			
10. 11. Items	Hydro., Test pres s 12 and 13 to be	s. comp	leted for IN/SA-7 (Mat'l Spec	tube sect	ions. 28 1	11/16"			2" (Nom. thk., in.)	***************************************	e	.3125"		Bolted	bolted)]
10. 11. Items	Hydro., Test pres s 12 and 13 to be Tubesheet: SA	compa -266-4	leted for IN/SA-7 (Matt Spec	tube sect	ions. 28 1	11/16"	s.)]		2" (Nom. thk., in.)		(Co	.3125" rr. Allow., in.)			
10. I	Hydro., Test press 12 and 13 to be Tubesheet: SA	complete com	leted for IN/SA-7 (Mat'l Spec NA Mat'l Spec	tube sect (65-11 : No.)]	ions. 28 f	11/16" bject to press	s.)]		2" (Nom. thk., in.) NA (Nom. thk., in.)		(Co	.3125" m. Allow., in.) NA m. Allow., in.)		Bolted Itachment (welded or NA (Altachment) "U"	
10. Items 12.	Tubes:	comp. 266-4 tationary Floating (leted for IN/SA-7 (Matt Spec NA Matt Spec 1-334-6 No., Grade	tube sect	ions. 28 1 [Dia., In. (st.) (Dia., In. (st.) (Dia., In. (st.) (Dia., In. (st.)	11/16" bject to press NA ia., in.) 8/4"	s.)]	0.0 (N	2" (Nom. thk., in.) NA (Nom. thk., in.) 083" THK Nom. thk., in. or get	MIN	(Co	.3125" m. Allow., in.) NA m. Allow., in.)		Bolted litachment (welded or NA (Attachment)	
10. Items 12.	Tubes: (Mass 14-18 incl. to be	complete com	leted for IN/SA-7 (Matt Spec NA Matt Spec A-334-6 No., Grade	tube sect	ions. 28 1 [Dia., In. (st.) (Dia., In. (st.) (Dia., In. (st.) (Dia., In. (st.)	11/16" bject to press NA ia., in.) 8/4"	s.)]	0.0	2" (Nom. thk., in.) NA (Nom. thk., in.) 083" THK Nom. thk., in. or get	MIN ge) changers.	(Co	.3125" m. Allow., in.) NA m. Allow., in.) 178	A) —	Bolted Itachment (welded or NA (Altachment) "U"	
10. Items 12.	Tubes: (Mass 14-18 incl. to be	-266-4 tationary Floating (SA Floating comp	leted for IN/SA-7 (Matt Spec NA Matt Spec A-334-6 No., Grade	tube sect (65-11 : No.)]	ions. 28 1 [Dia., In. (st.) (Dia., In.	11/16" Diject to press NA Ia., in.) 3/4" D., in.) cketed ves	s.)]	0.0	(Nom. thk., in.) NA (Nom. thk., in.) 083" THK Nom thk., in. or get nels of heat ex	/IIN ge) changers. t & in.):	(Co	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number)	[A	Bolted Itachment (welded or NA (Altachment) "U"	n)
10. Items 12.	Tubes: (Mass 14-18 incl. to be to b	-266-4 Tationary Floating (SA Tri Spec. 1 Floating (SA Tri Spec. 1 Floating (SA) From Spec. 1 Floating (SA) From Spec. 1 Floating (SA) From Spec. 1	leted for IN/SA-7 (Matt Spec NA Matt Spec A-334-6 No., Grade	tube sect (65-11: No.)] No.)]	ions. 28 1 [Dia., In. (su (Dia., In	11/16" Diject to press NA Ia., in.) B/4" D., in.) Cketed ves	s.)]	0.0	2" (Nom. thk., in.) NA (Nom. thk., in.) 083" THK III om thk., in. or get	MIN 1999) 10 changers. 11 & in.):	(Co	.3125" m. Allow., in.) NA m. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, I	B, & C)	Bolted Itachment (welded or NA (Attachment) "U" [Type (Streit or U	nent .
10. Items 13. Items 14. S	Tubes: (Masshell (a) No. o	composition of the composition of the composition of the composition of the cours o	Interest of the second	tube sect (65-11: No.)] No.)] or Type) inner cha	ions. 28 1 [Dia., In. (st.) (Dia., In.	11/16" Diject to press NA Ia., in.) B/4" D., in.) Cketed ves	s.)]	O.(NA (Nom. thk., in.) (Nom. thk., in.) (Nom. thk., in. or get nels of heat exverall length (f	MIN 1999) 10 changers. 11 & in.):	(Co	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number) 1`-5 1/8" m. Joint (Cat. A. I	[A	Bolted Itachment (welded or NA (Attachment) "U" [Type (Streit or U	nent .
10. Items 12. 13. Items 14. S	Tubes: (Mass 14-18 incl. to be Shell (a) No. o	composition of the composition of the composition of the composition of the cours o	leted for IN/SA-7 (Mail Spec NA Mail Spec A-334-6 No., Grade leted for e(s):	tube sect (65-11: No.)] No.)] or Type) inner cha	ions. 28 1 [Dia., In. (st.) [Dia., In.	11/16" Digect to press NA Ia., in.) B/4" D., in.) Cketed ves	s.)] ssels or kness Corr.	0.((N chani (b) Ov	Nom. thk., in.) NA (Nom. thk., in.) (Nom	MIN Ige) Ichangers. It & in.): at. A) In Eff.	(Co	.3125" m. Allow., in.) NA m. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, I	B, & C)	Bolted Itachment (welded or NA (Attachment) "U" [Type (Streit or U	nent .
10.	Tubes: (Mass 14-18 incl. to be Shell (a) No. o Course(: Diameter, in.	comp266-4 tationary Floating (SA rr spec. 1 e comp f cours s) Lengti	leted for IN/SA-7 (Mat'l Spec NA Mat'l Spec 1-334-6 No.; Grade leted for e(s): h (it & in.) 5 1/8"	tube sect (65-11 : No.)] No.)] or Type) inner cha	ions. 28 1 [Dia., In. (st.) (Dia., In.	11/16" Diject to press NA Ia., in.) 3/4" D., in.) Cketed ves Thice Nom. 3/8"	ssels or kness Corr. 1/8"	O.(N chani (b) Ov Type	Nom. thk., in.) NA (Nom. thk., in.) (Nom	MIN lege) schangers. t & in.): at. A) one	Circui Type S	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number) 1`-5 1/8" rr. Joint (Cat. A., I	B, & C)	Bolted Itachment (welded or NA (Attachment) "U" [Type (Strait or C	nent .
10.	Tubes: (Ma s 14-18 incl. to be Shell (a) No. o Course(: Diameter, in. 24" O.D.	comp266-4 tationary Floating (SA Trispec I Comp f cours Lengti 1'-	Interest of the second of the	tube sect (65-11 No.)] or Type) inner cha	ions. 28 1 [Dia., In. (st.) (Dia., In.	11/16" Diject to press NA Ia, in.) SIA" D., in.) Cketed ves Thic Nom. 3/8"	s.)] ssels or kness Corr. 1/8"	O.(No channe (b) Over S	(Nom. thk., in.)	MIN ge) schangers. t & in.): at. A) one Eff. 1,00	Circui Type S	.3125" m. Allow., in.) NA m. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, I) Full, Spot, None SPOT	B, & C)	Bolted Itachment (welded or NA (Attachment) "U" [Type (Strait or U) Heat Treatm Temp. 1175	nent .
10.	Tubes: (Ma s 14-18 incl. to be Shell (a) No. o Course(: Diameter, in. 24" O.D. Location (Top,	comp266-4 tationary Floating (SA Trispec I Cours Comp. Lengtl 1'- Thicl	leted for IN/SA-7 (Mat'l Spec NA Mat'l Spec 1-334-6 No., Grade leted for e(s): h (ft & in.) 5 1/8"	tube sect (65-11 : No.)] or Type) inner cha	ions. 28 [Dia., In. (st., In. (st., In., In., In., In., In., In., In., In	11/16" Diject to press NA Ia, in.) JA" D., in.) Cketed ves Thic Nom. 3/8" F. for 1 Time & Tem	s.)] ssels or kness Corr. 1/8" OO Ho	O.((N) Chani (b) Ox Type S	NA (Nom. thk., in.) (No	MIN (ge) (changers. t & in.): at. A) one	Circui Type S	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, II Full, Spot, None SPOT NA No., Grade or Type to Pressure	B, & C) Eff. 1.00	Bolted Itachment (welded or NA (Attachment) "U" [Type (Strait or U) Heat Treatm Temp. 1175	nent . Time 1.00
10.	Tubes: (Ma s 14-18 incl. to be Shell (a) No. o Course(: Diameter, in. 24" O.D. Location (Top, Bottom, Ends)	comp266-4 tationary rispec is comp. f cours comp. f cours the comp. Thick Min.	Interest of the second of the	tube sect (65-11 : No.)] or Type) inner cha	ions. 28 [Dia., In. (st., In. (st., In., In., In., In., In., In., In., In	11/16" Diject to press NA Ia., in.) 3/4" D., in.) Cketed ves Thice Nom. 3/8" F. for 1 Time 8 Ten Elliptical Ratio	s.)] ssels or kness Corr. 1/8" Coni Apex A	O.(N chani (b) Ov Type S	Nom. thk., in.) NA (Nom. thk., in.) NB3" THK III Om thk., in. or get nels of heat ex- verall length (f Long. Joint (Ca Full. Spot, No Full. (b) Hemispherical Radius	MIN gge) schangers. t & in.): at. A) one Eff. 1.00 (N Flat Diameter	Circui Type S	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, I Full, Spot, None SPOT NA No., Grade or Type et o Pressure ex Concave	B, & C) Eff. 1.00 Type	Bolted Itachment (welded or NA (Attachment) (Type (Strait or C) Heat Treatm Temp. 1175 1175 Category A Full, Spot, None	nent . Time 1.00
10.	Tubes: (Ma s 14-18 incl. to be Shell (a) No. o Course(: Diameter, in. 24" O.D. Location (Top,	comp266-4 tationary Floating (SA Trispec I Cours Comp. Lengtl 1'- Thicl	leted for IN/SA-7 (Mat'l Spec NA Mat'l Spec 1-334-6 No., Grade leted for e(s): h (ft & in.) 5 1/8"	tube sect (65-11 : No.)] or Type) inner cha	ions. 28 [Dia., In. (st., In. (st., In., In., In., In., In., In., In., In	11/16" Diject to press NA Ia, in.) JA" D., in.) Cketed ves Thic Nom. 3/8" F. for 1 Time & Tem	s.)] ssels or kness Corr. 1/8" OO Ho	O.(N chani (b) Ov Type S	NA (Nom. thk., in.) (No	MIN (ge) (changers. t & in.): at. A) one	Circui Type S	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, II Full, Spot, None SPOT NA No., Grade or Type to Pressure	B, & C) Eff. 1.00	Bolted Itachment (welded or NA (Attachment) "U" [Type (Strait or U) Heat Treatm Temp. 1175	nent . Time 1.00
10.	Tubes: (Ma s 14-18 incl. to be Shell (a) No. o Course(: Diameter, in. 24" O.D. Location (Top, Bottom, Ends)	comp266-4 telionary Floating (SA rr spec. is comp. f cours comp. Lengti 1'- Thick Min. 5/16	Ideted for IN/SA-7 (Matt Spec NA Matt Spec Na Matt Spec Na Na Matt Spec Na	No.)] or Type) inner cha	ions. 28 1 [Dia., In. (su] (o. 3) (o. 4) Imbers of jac 1. Material Grade or Type SA-106B 175 deg I a or Type) (H.I. dius Knuckle NA	Thice Nom. 3/8" F. for 1.1 Cliptical Ratio	ssels or kness Corr. 1/8" OO Ho Apex A	O.((N) (b) O. Type S ours	NA (Nom. thk., in.) (Nom. th	MIN ge) schangers. t & in.): at. A) ne Eff. 1.00 (N Flat Diameter NA	Circui Type S	.3125" rr. Allow., in.) NA rr. Allow., in.) 178 (Number) 1'-5 1/8" m. Joint (Cat. A, I Full, Spot, None SPOT NA No., Grade or Type et o Pressure ex Concave	B, & C) E Eff. 1.00 (H.T T	Bolted Itachment (welded or NA (Attachment) "U" [Type (Streit or U) Heat Treatm Temp. 1175 1175 Category A Full, Spot, None NONE	nent . Time 1.00

					FOR	VI U-1 (I	Back)					
16. MAWP	60 I	VA psi	at max. te	emp			NA xternal)		etal temp	10°Fat		si
17. Impact test	NO,Exemp	Perug-20(f), ucs	-66(a)(c), Fig	ucs-66		c) & ucs-67	at test tempe	rature of	NA °	F
18. Hydro Test pro		Indicar	e yes or no	195	inponent(s)		roof test		N	Δ		
 Nozzles, inspec 		ty valve openir	ias:	100			001 1001		14			-
	1				1.1	I	List of the same		(1 A)	- T		_
Purpose	ala XIII	Diameter	Flange		erial	Nozzle T Nom.		Reinforcement Material	How At		Location (Insp. Open.)	
(Inlet, Outlet, Drain,		or Size	Туре	Nozzle	Flange		Corr.		Nozzle	Flange		_
INLET/OUTLET		4"-300#		-350LF20			1/8"	NA NA	UW16.1	NA NA	NA NA	_
INLET	1	3"-150#		SA-105		0.6250"	1/8"	NA NA	UW16.1 UW16.1	NA NA	NA NA	-
OUTLET	1 4	3"-150#	_	SA-105			1/8"	NA NA	UW16.1	NA NA	NA NA	_
VENT	1	2"-150#		SA-105 SA-105		0.6250"	1/8"	NA NA	UW16.1	NA NA	NA NA	-
DRAIN	1 1	2"-150# 2"-150#	RF-LWN			0.6250"	1/8"	NA NA	UW16.1	NA NA	NA NA	-
DRAIN	1	2"-150#	RF-LWN		-	0.6250"	1/8"	NA NA	UW16.1	NA NA	NA NA	-
DRAIN .		2 -150#	IXL-FAMIA	3A-105	34-103	0.0250	1/0	NA	01110.1	- 100	NA.	-
										_		-
	_											-
	NO :	MONE		NONE	- 011	- 1	2)00000	lee Augustus	1	Maldad to	Chall	7
20. Supports: Skirt	(Yes or no)	ugs NONE	Legs	(No.)	Others	- (4	(Describe	Attached		Where and h	ow)	-
21. Manufacturer's								oectors have been fo	ırnished for th	e following ite	ms of the report:	
(List the name of							•			Andrew of Administration of the Angel State of the		
NA								ě.				
												_
22. Remarks: SEI	RVICE: WA	STE WATE	RAMIV	IONIA	PURIFI	ER CO	NDENS	ER	ITEM NO.:	: HX0054		
												No.
												_
STRAIGHT	TUBE LENG	3TH = 14'-0	,**									_
000 00 00 100						OF SHOP				***		
We certify that the ASME Code for P	statements in	this report and	e correct	and that	all detail	s of desig	ın, mater	ial, construction, and	i workmanshi	p of this vesse	onform to the	
U Certificate Auth	ressure Cesse orization No.	is, Section vii	30112	1.	Exp	ires [)ecemk	per 30 ,20 , 1	2	0	0	
01.0	1.0	EA	2000	OUELL	0 77115	NE 116		oer 30 ,20 1 Signed JA	1 (a Land	0(/2	
Date 4/38	//J Nar	me PA	BSCO	(Manufac	turer)	SE, LLC	*	Signed	Rep	presentative)		,
				CERTI	FICATE	OF SHO	INSPE	CTION	(_
I, the undersigned	, holding a vali							essure Vessel Inspe			ovince	
of Oklahor								ICE of	LY	/NN, MA		
have inspected the								9/19/12	<u></u>		, and	
state that, to the	best of my kno	owledge and b	elief, the	Manufac	cturer ha	s constru	cted this	pressure vessel in varranty, expressed	accordance w	vith ASME Co	de, Section VIII,	
								mployer shall be lial				
property damage								10		1 00		
Date 9/28/	1	ned W	irk	SE	ena	M		issions NA 7	935/	OKE	57	
-10-01				horized ins		, , , , , ,	-	A CONTRACTOR	oard incl. endorse	ements, State, Prov	ince, and No.)	-
144	atatamenta di	n this cannot are						OMPLIANCE	oscal canforn	ne with the		
requirements of A								n of all parts of this v	esser comon	ns with the		
U Certificate of Au			31011 1. 0	Continue		xpires	1110.	,20			T.	
5 commode of Me		-										
Date	Nar	ne		(Assem	hler)			Signed	(Rec	presentative)		
			CER			LD ASSI	EMBLYI	NSPECTION	(, top			-
I, the undersigned	, holding a vali	d commision is						essure Vessel Inspe	ctors and/or t	he State or Pr	ovince	
of	The state of the s	oloyed by										
		837 77						1 Po 1 Po 1	JAL ALS STEEL			

Form R-2 Report of Alteration in accordance with provisions of the National Board Inspection Code

R-26

(Form "R" Registration no.)

MPC109066-HX0054

(P.O. No., Job No., etc.)

1a. Design performed by: SOUTHERN COMPANY SERVICES, INC.
(name of "R" organization responsible for design) 42 INVERNESS CENTER PARKWAY, BIRMINGHAM, ALABAMA, 35242, UNITED STATES (address)
1b. Construction performed by: SOUTHERN COMPANY SERVICES, INC.
(name of "R" organization responsible for construction) 42 INVERNESS CENTER PARKWAY, BIRMINGHAM, ALABAMA, 35242, UNITED STATES
(address)
2. Owner of Pressure Retaining Item: MISSISSIPPI POWER COMPANY
5835 HIGHWAY 493, KEMPER COUNTY, DEKALB, MISSISSIPPI, 39573, UNITED STATES (address)
3. Location of Installation: MISSISSIPPI POWER COMPANY
(name) 5835 HIGHWAY 493, KEMPER COUNTY, DEKALB, MISSISSIPPI, 39573, UNITED STATES
(address)
4. Item identification: PRESSURE VESSEL Name of original manufacturer: FABSCO SHELL & TUBE, LLC.
S11-10251-2 7540 MS025489-14V HX0054 2012
5. Identifying nos: (mfg. serial no.) (National Board No.) (Jurisdiction No.) (other) (year built)
6. NBIC Edition / Addenda: 2015 EDITION NONE
(edition) (addenda) ASME BPV SECTION VIII DIV. I 2010 EDITION / NO ADDENDA
Original Code of Construction for Item: ASME BPV SECTION VIII DIV. I (coltrin) / NO ADDENDA (coltrin) / addenda)
Construction Code Used for Alteration Performed: ASME BPV SECTION VIII DIV. I 2010 EDITION / NO ADDENDA
(name / section / division) (edition / addenda)
7a. Description of Design Scope:
RERATE NEW VESSEL FOR EXTERNAL PRESSURE PRIOR TO INITIAL SERVICE. CALCULATIONS PERFORMED TO VERIFY RE-RATING FOR AN EXTERNAL PRESSURE OF 15 PSI AT 250°F FOR SHELL SIDE AND TUBE SIDE.
Form R -4, Report Supplementary Sheet is attached 7b. Description of Construction Scope: ATTACH NAMEPLATE. THE ORIGINAL PRESSURE TEST MEETS ASME SECTION VIII DIV. I REQUIREMENTS FOR EXTERNAL PRESSURE.
Form R -4, Report Supplementary Sheet is attached Pressure Test, if applied NONE psi MAWP *REMARKS psi
8. Replacement Parts. Attached are Manufacturer's Partial Data Reports or Form R-3's properly completed for the following items of this report:
NONE.

-	1000			
0	Re	222	20	101
7.	L/E	1110		13.

* MAWP FOR SHELL SIDE IS F.V. AT 250°F/310 PSI AT 205°F, MAWP FOR TUBE SIDE IS F.V. AT 250°F/150 PSI AT 145°F.

DESIGN CERTIFICATION
I, MARTIN B. SIMS , certify that to the best of my knowledge and belief the statements in this report are correct and that the Design Change described in this report conforms to the National Board Inspection Code. National Board "R" Certificate of Authorization No. R-1906 Expires on NOVEMBER 30, 2018 SOUTHERN CO. SVCS., INC. Signed (authorized representative)
I,, holding a valid Commission issued by The National Board of Boiler and Pressure Vessel Inspectors and certificate of competency, where required, issued by the jurisdiction of MISSISSIPPI and employed by
ONE CIS INSURANCE of LYNN, MA have reviewed the design change as described in this report and state that to the best of my knowledge and belief such change complies with the applicable requirements of the National Board Inspection Code. By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or completed with this inspection. Date ONE CIS INSURANCE of LYNN, MA have reviewed the design change as described in this report and state that to the best of my knowledge and belief such change complies with the applicable requirements of the National Board in this report. Commissions ONE CIS INSURANCE ONE CIS INSURANCE ONE CIS INSURANCE INSURANCE ONE CIS I
CONSTRUCTION CERTIFICATION
I, MARTIN B. SIMS
CERTIFICATE OF INSPECTION
I,