TENNECO INC Form SC 13G February 16, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

Information Statement Pursuant to Rules 13d-1 and 13d-2
Under the Securities Exchange Act of 1934

(Amendment No. ____)*

Tenneco Inc.
(Name of Issuer)
Common Stock, \$0.01 par value
(Title of Class of Securities)
880349105
(CUSIP Number)
February 5, 2010
Date of Event Which Requires Filing of the Statement
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
[] Rule 13d-1(b)
[X] Rule 13d-1(c)
[] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the

Act but shall be subject to all other provisions of the Act (however, see the Notes).

	CUSIP 880349105	13G	Page 2 of 11 Pages		
1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON				
	Citadel Advisors LLC				
2.	CHECK THE APPROPE	RIATE BOX IF A N	MEMBER OF A GROUP	(a) " (b) "	
3.	SEC USE ONLY				
4.	CITIZENSHIP OR PLACE Delaware	CE OF ORGANIZA	ATION		
	NUMBER OF SHARES	5.	SOLE VOTING POWER 0		
	BENEFICIALLY OWNED BY	6.	SHARED VOTING POWER		
EAC REPOR PERS	EACH REPORTING PERSON		3,357,546 shares		
	WITH	7.	SOLE DISPOSITIVE POWER 0		
		8.	SHARED DISPOSITIVE POWER See Row 6 above.		
9.	AGGREGATE AMOUN See Row 6 above.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See Row 6 above.			
10.	CHECK BOX IF THE A CERTAIN SHARES	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	5.7%1				
12.	TYPE OF REPORTING IA; OO; HC	PERSON			

The percentages reported in this Schedule 13G are based upon 59,393,593 shares of Common Stock outstanding (composed of (i) 47,393,593 shares of Common Stock outstanding as of October 30, 2009 (according to the Form 10-Q filed by the issuer on November 6, 2009), plus (ii) 12,000,000 shares of Common Stock reported to be issued by the issuer on November 24, 2009 in a Form 8-K filed by the issuer on November 24, 2009).

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1.	1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON			
	Citadel Holdings II LP			
2.	CHECK THE APPROP	RIATE BOX IF A I	MEMBER OF A GROUP	(a) "
3.	SEC USE ONLY			(b) "
4.	CITIZENSHIP OR PLA Delaware	ACE OF ORGANIZ.	ATION	
	NUMBER OF	5.	SOLE VOTING POWER 0	
1	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6.	SHARED VOTING POWER	
			3,357,546 shares	
		7.	SOLE DISPOSITIVE POWER 0	
		8.	SHARED DISPOSITIVE POWER See Row 6 above.	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See Row 6 above.			
10.	. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
	5.7%			
12.	TYPE OF REPORTING PN; HC	G PERSON		

NO.	CUSIP 880349105	13G	Page 4 of 11 Pages
1.	NAME OF REPORTING S.S. OR I.R.S. IDENTIFI		ABOVE PERSON
	Citadel Global Equities M	laster Fund Ltd.	
2.	CHECK THE APPROPR (a) o (b) o	IATE BOX IF A I	MEMBER OF A GROUP
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLAC Cayman Islands	CE OF ORGANIZ.	ATION
	NUMBER OF	5.	SOLE VOTING POWER
	NUMBER OF SHARES		0
	BENEFICIALLY OWNED BY	6.	SHARED VOTING POWER
	EACH REPORTING PERSON		3,179,527 shares
	WITH	7.	SOLE DISPOSITIVE POWER 0
		8.	SHARED DISPOSITIVE POWER See Row 6 above.
9.	AGGREGATE AMOUN' See Row 6 above.	T BENEFICIALL	Y OWNED BY EACH REPORTING PERSON
10	CHECK BOX IF THE ACCERTAIN SHARES	GGREGATE AMO	DUNT IN ROW (9) EXCLUDES
11	. PERCENT OF CLASS R	EPRESENTED B	Y AMOUNT IN ROW (9)
	5.4%		
12	. TYPE OF REPORTING E	PERSON	

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1.	NAME OF REPORTING S.S. OR I.R.S. IDENTIF		ABOVE PERSON
	Citadel Investment Grou	ıp II, L.L.C.	
2.	CHECK THE APPROP	RIATE BOX IF A M	MEMBER OF A GROUP
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLA Delaware	CE OF ORGANIZA	ATION
	NUMBER OF SHARES	5.	SOLE VOTING POWER 0
I	BENEFICIALLY OWNED BY	6.	SHARED VOTING POWER
	EACH REPORTING PERSON		3,410,355 shares
	WITH	7.	SOLE DISPOSITIVE POWER 0
		8.	SHARED DISPOSITIVE POWER See Row 6 above.
9.	AGGREGATE AMOUN See Row 6 above.	NT BENEFICIALLY	Y OWNED BY EACH REPORTING PERSON
10.	CHECK BOX IF THE A CERTAIN SHARES o	AGGREGATE AMC	OUNT IN ROW (9) EXCLUDES
11.	PERCENT OF CLASS	REPRESENTED BY	Y AMOUNT IN ROW (9)
	5.7%		
12.	TYPE OF REPORTING	PERSON	

OO; HC

(a) " (b) "

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1.	NAME OF REPORTIN S.S. OR I.R.S. IDENTII		ABOVE PERSON	
	Kenneth Griffin			
2.	CHECK THE APPROP	RIATE BOX IF A N	MEMBER OF A GROUP	(a) (b)
3.	SEC USE ONLY			(-)
4.	CITIZENSHIP OR PLA U.S. Citizen	ACE OF ORGANIZA	ATION	
	NUMBER OF SHARES	5.	SOLE VOTING POWER 0	
	BENEFICIALLY	6.	SHARED VOTING POWER	
EAC REPOR PERS	OWNED BY EACH REPORTING		3,410,355 shares	
	WITH	7.	SOLE DISPOSITIVE POWER 0	
		8.	SHARED DISPOSITIVE POWER See Row 6 above.	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See Row 6 above.			
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
	5.7%			
12.	TYPE OF REPORTING IN; HC	G PERSON		

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Item 1(a)		Name of Issuer Tenneco Inc.		
Item 1(b)		ssuer's Principal Executive Offices ive, Lake Forest, Illinois 60045		
("CH-II"), Citadel Glob Kenneth Griffin (collect shares of Common Stock Derivatives Trading Ltd	eing jointly filed by Citadel A cal Equities Master Fund Ltd ctively with Citadel Advisors, ck of the above-named issuer	Name of Person Filing Advisors LLC ("Citadel Advisors"), Citadel Holdings II LP . ("CG"), Citadel Investment Group II, L.L.C. ("CIG-II") and Mr. , CH-II, CG and CIG-II, the "Reporting Persons") with respect to (and/or options to purchase such shares) owned by Citadel company ("CDT"), CG, Citadel Securities LLC, a Delaware limited segregated accounts.		
CDT. CH-II is the mar ("CH-I"), is the non-me	naging member of Citadel Ad ember manager of Citadel Sec	and certain segregated accounts, and the portfolio manager for lyisors. Citadel Holdings I LP, a Delaware limited partnership curities. CIG-II is the general partner of CH-I and CH-II. Mr. of, and owns a controlling interest in, CIG-II.		
_		an admission that any of the Reporting Persons is the beneficial her than the securities actually owned by such person (if any).		
_		s of Principal Business Office of the Reporting Persons is c/o Citadel Investment Group, L.L.C., s 60603.		
Delaware. CH-II is org	ganized as a limited partnersh	Citizenship s a limited liability company under the laws of the State of hip under the laws of the State of Delaware. CG is organized as a hids. Mr. Griffin is a U.S. citizen.		
Item 2(d)		tle of Class of Securities Stock, \$0.01 par value		
Item 2(e)		CUSIP Number 880349105		
Item 3 If this statement i	s filed pursuant to Rules 13d	-1(b), or 13d-2(b) or (c), check whether the person filing is a:		
(a)	[_] Broker or dea	aler registered under Section 15 of the Exchange Act;		
(b)	[] Bank	as defined in Section 3(a)(6) of the Exchange Act;		

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(c) [_] Insurance company as defined in Section 3(a)(19) of the Exchange Act;					
(d) [_] Investment company registered under Section 8 of the Investment Company Act					
(e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);					
(f) [_]	(f) [] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);				
(g) [_]	A parent holding co	ompany or control person in accordance with Rule 13d-1(b)(1)(ii)(G);			
(h) []	A savings associa	ation as defined in Section 3(b) of the Federal Deposit Insurance Act;			
(i)[]A church pla Investment C		rom the definition of an investment company under Section 3(c)(14) of the			
(j)	[_]	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).			
If filing as a non-U.S	S. institution in acco	ordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution			
Item 4		Ownership			
	A.	Citadel Advisors LLC			
(a) Cit	adel Advisors may b	be deemed to beneficially own 3,357,546 shares of Common Stock.			
(b) The number of sh Common Stock o		rs may be deemed to beneficially own constitutes approximately 5.7% of the			
	Number of shares as to which such person has:				
	(i)	sole power to vote or to direct the vote: 0			
(ii)	shared power to vote or to direct the vote: 3,357,546			
(iii)		sole power to dispose or to direct the disposition of: 0			
(iv)	shared	d power to dispose or to direct the disposition of: 3,357,546			
	В.	Citadel Holdings II LP			
(a)	CH-II may be d	eemed to beneficially own 3,357,546 shares of Common Stock.			
(b) The number of sh	ares CH-II may be o	leemed to beneficially own constitutes approximately 5.7% of the Common			

Stock outstanding.

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(c)		Nu	mber of shares as to which such person has:
	(i)		sole power to vote or to direct the vote: 0
(:	ii)	shared	power to vote or to direct the vote: 3,357,546
(i	ii)	sole pov	wer to dispose or to direct the disposition of: 0
(iv)		shared power to	o dispose or to direct the disposition of: 3,357,546
	C.		Citadel Global Equities Master Fund Ltd.
(a)	CG r	may be deemed to	peneficially own 3,179,527 shares of Common Stock.
(b) The number of sh Stock outstanding		ay be deemed to be	eneficially own constitutes approximately 5.4% of the Common
	(c)	Nu	mber of shares as to which such person has:
	(i)		sole power to vote or to direct the vote: 0
(ii) (iii)		shared power to vote or to direct the vote: 3,179,527	
		sole power to dispose or to direct the disposition of: 0	
(iv)		shared power to	dispose or to direct the disposition of: 3,179,527
	D.		Citadel Investment Group II, L.L.C.
(a)	CIG-II	may be deemed to	beneficially own 3,410,355 shares of Common Stock.
(b) The number of sh Stock outstanding		I may be deemed t	o beneficially own constitutes approximately 5.7% of the Common
	(c)	Nu	mber of shares as to which such person has:
	(i)		sole power to vote or to direct the vote: 0
(ii)	shared	power to vote or to direct the vote: 3,410,355
(iii)		sole pov	wer to dispose or to direct the disposition of: 0
(iv)		shared power to	o dispose or to direct the disposition of: 3,410,355
		E.	Kenneth Griffin

(a)

Mr. Griffin may be deemed to beneficially own 3,410,355 shares of Common Stock.

- (b) The number of shares Mr. Griffin may be deemed to beneficially own constitutes approximately 5.7% of the Common Stock outstanding.

 (c) Number of shares as to which such person has:

 (i) sole power to vote or to direct the vote: 0

 (ii) shared power to vote or to direct the vote: 3,410,355

 (iii) sole power to dispose or to direct the disposition of: 0

 (iv) shared power to dispose or to direct the disposition of: 3,410,355
- Item 5 Ownership of Five Percent or Less of a Class

 If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following o.

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Item 6

Ownership of More than Five Percent on Behalf of Another Person Not Applicable

Item 7Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company

See Item 2 above

Item 8

Identification and Classification of Members of the Group Not Applicable

Item 9

Notice of Dissolution of Group Not Applicable

Item 10

Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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After reasonable inquiry and to the best of its knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated this 16th day of February, 2010.

CITADEL ADVISORS LLC

CITADEL HOLDINGS II LP

By: Citadel Holdings II LP, its Managing Member

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: Citadel Investment Group II, L.L.C.,

By: /s/ John C. Nagel

its General Partner

John C. Nagel, Authorized Signatory

By: /s/ John C. Nagel

CITADEL INVESTMENT GROUP II, L.L.C.

John C. Nagel, Authorized Signatory

By: /s/ John C. Nagel

CITADEL GLOBAL EQUITIES MASTER

John C. Nagel, Authorized Signatory

FUND LTD.

By: Citadel Advisors LLC, its Investment Manager

By: Citadel Holdings II LP,

its Managing Member

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

KENNETH GRIFFIN

By: /s/ John C. Nagel

John C. Nagel, attorney-in-fact*

^{*}John C. Nagel is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission on February 24, 2006, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Limited Partnership on Schedule 13G for Morgans Hotel Group Co.