Morgan Ma Form 5 January 02											
FOR	M 5						OMB A	PPROVAL			
Check the			ES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES					3235-0362 January 31, 2005			
to Section Form 4 5 obligation may cor See Inst	or Form ANN tions ntinue.							Estimated average burden hours per response 1.0			
1(b). Form 3 Reporte Form 4 Transac	Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(b) of the Investment Company Act of 1940										
1. Name and Morgan M	Symbol	2. Issuer Name and Ticker or Trading Symbol NuStar Energy L.P. [NS]			5. Relationship of Reporting Person(s) to Issuer						
(Last) 2330 NOR	(Month 12/31/	ment for Issuer /Day/Year) 2008	's Fiscal Yea	r Ended	(Check all applicable) <u></u> Director <u></u> 10% Owner <u></u> Officer (give title <u></u> Other (specify below) Senior Vice President						
		4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Reporting (check applicable line)						
SAN ANT	ONIO, TX 78	248				_X_ Form Filed by Form Filed by Person	One Reporting I More than One F				
(City)	(State)	(Zip) Ta	ble I - Non-De	erivative Seco	urities Acq	uired, Disposed o	of, or Beneficia	ally Owned			
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price		Securities Beneficially Owned at end	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of informationSEC 2270contained in this form are not required to respond unless(9-02)the form displays a currently valid OMB control number.(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9.
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration Date	Amount of	Derivative	of
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	D
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Se

Derivative	Secur	rities			(Instr	. 3 and 4)	В
Security	Acqu	ired					0
	(A) o						E
	Dispo	osed					Is
	of (D)					Fi
	(Instr	. 3,					(I
	4, and	d 5)					
	(A)	(D)	Date	Expiration	Title	Amount	
			Exercisable	Date		or	
						Number	
						of	
						Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
Morgan Mary F 2330 NORTH LOOP 1604 WEST SAN ANTONIO, TX 78248	Â	Â	Senior Vice President	Â				
Signatures								
Elizabeth E. Clifton, as Attorney-In- Morgan	Mary F.	12/31/2008						
<u>**</u> Signature of Reporting P		Date						

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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Remarks:

Effective January 1, 2009, Mary F. Morgan began serving as Senior Vice President - European Ope

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.