SUNOCO INC Form SC 13G/A February 14, 2001

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. 1)

Sunoco, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

86764P109

(CUSIP Number)

Check the following box if a fee is being paid with this statement [].

The information required in 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).

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NAME OF REPORTING PERSON(S)
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON(S)

Morgan Stanley Dean Witter & Co.

^{*}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 the disclosures provided in a prior cover page.

IRS # 39-314-5972

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2. CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) [] (b) []	
3. SEC USE ON	ILA	
	TP OR PLACE OF ORGANIZATION	
SHARES	5. SOLE VOTING POWER 0	
BENEFICIALLY OWNED BY EACH REPORTING	6. SHARED VOTING POWER 4,423,539	
	7. SOLE DISPOSITIVE POWER 0	
	8. SHARED DISPOSITIVE POWER 4,452,471	
9. AGGREGATE 4,452,47	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10. CHECK BOX	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	*
11. PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)	
12. TYPE OF RE	PORTING PERSON*	
	*SEE INSTRUCTIONS BEFORE FILLING OUT!	

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1. NAME OF REPOR	RTING PERSON(S) S. IDENTIFICATION NO. OF ABOVE PERSON(S)				
Morgan Sta IRS # 13-3	anley Dean Witter Advisors Inc. 8680016				
2. CHECK THE APP	PROPRIATE BOX IF A MEMBER OF A GROUP* (a) [] (b) []				
3. SEC USE ONLY					
	OR PLACE OF ORGANIZATION of organization is Delaware.				
SHARES	SOLE VOTING POWER 0				
EACH	SHARED VOTING POWER 4,346,843				
WITH	SOLE DISPOSITIVE POWER 0				
==	SHARED DISPOSITIVE POWER 4,364,748				
9. AGGREGATE AMO	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
4,364,748					
10. CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*				
11. PERCENT OF CI	ASS REPRESENTED BY AMOUNT IN ROW (9)				
5.13%					
12. TYPE OF REPORTING PERSON*					
IA, CO					
	*SEE INSTRUCTIONS BEFORE FILLING OUT!				

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Item 1. (a) Name of Issuer: Sunoco, Inc. -----Address of Issuer's Principal Executive Offices: (b) Ten Penn Center 1801 Market Street Philadelphia, PA 19103-1699 ______ Name of Person Filing: Item 2. (a) (a) Morgan Stanley Dean Witter & Co. (b) Morgan Stanley Dean Witter Advisors Inc. _____ (b) Address of Principal Business Office, or if None, Residence: (a) 1585 Broadway New York, New York 10036 (b) Two World Trade Center New York, New York 10048 ______ (C) Citizenship: Incorporated by reference to Item 4 of the cover page pertaining to each reporting person. Title of Class of Securities: (d) Common Stock CUSIP Number: (e) 86764P109 _____ (a) Morgan Stanley Dean Witter & Co. is (e) an Investment Item 3. Adviser registered under Section 203 of the Investment Advisers Act of 1940. (b) Morgan Stanley Dean Witter Advisors Inc. is (e) an Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.

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Item 4. Ownership.

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Incorporated by reference to Items (5) - (9) and (11) of the cover page.

- Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Accounts managed on a discretionary basis by Morgan Stanley Dean Witter Advisors Inc., a wholly owned subsidiary of Morgan Stanley Dean Witter & Co., are known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from, the sale of such securities. No such account holds more than 5 percent of the class.

- Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.
- Item 8. Identification and Classification of Members of the Group.
- Item 9. Notice of Dissolution of Group.
- Item 10. Certification.

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

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Signature.

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

Date: February 14, 2001

Signature: /s/ Dennine Bullard

Name/Title Dennine Bullard / Morgan Stanley & Co. Incorporated

MORGAN STANLEY DEAN WITTER & CO.

Date: February 14, 2001

Signature: /s/ James Wallin

Name/Title James Wallin / First Vice President Morgan Stanley Dean Witter

Advisors Inc.

MORGAN STANLEY DEAN WITTER ADVISORS INC.

INDEX TO EXHIBITS

PAGE

EXHIBIT 1 Agreement to Make a Joint Filing					
	EXHIBIT 1	Agreement	to Make	a Joint Fi	ling

EXHIBIT 2 Secretary's Certificate Authorizing Dennine Bullard 8 to Sign on behalf of Morgan Stanley Dean Witter & Co.

(022597DTI)

^{*} Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).