MCNERNEY W JAMES JR

Form 4

January 18, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

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may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MCNERNEY W JAMES JR			Issuer Name and Ticker or Trading Symbol M CO [MMM]					5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					(Check all applicable)			
			(Month/Day/Year) 01/14/2005					X Director 10% OwnerX Officer (give title Other (specify below) CHAIRMAN OF THE BOARD & CEO			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tal	ble I - Non	-Derivati	ve Sec	urities Acq	uired, Disposed o	of, or Benefic	ially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transactic Code (Instr. 8)		sed of		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	01/14/2005			F	8,244 (1)	D	\$ 82.07	232,327	D		
Common Stock	01/14/2005			F	2,918 (2)	D	\$ 82.5725	229,409	D		
Common Stock								442	I	by 401k/PAESOP Trust	
Reminder: R	eport on a separate lin	ne for each cl	lass of sec	curities ben	eficially o	wned	directly or i	ndirectly.			

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

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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		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transactic Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amount Underly Securitic (Instr. 3	ving es	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Number		

Reporting Owners

Reporting Owner Name / Address	Ketationsinps					
	Director	10% Owner	Officer	Other		
MCNERNEY W JAMES JR						
	X		CHAIRMAN OF THE BOARD & CEO			

Signatures

By: George Ann Biros For: W. James
McNerney

01/14/2005

**Signature of Reporting Person 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).
- (1) Distribution of vested shares (including shares withheld for taxes) held in corporate custody as restricted shares and distributed pursuant to the reporting person's compensation plan.
- Shares held in corporate custody as restricted shares and awarded under the applicable 3M Management Stock Ownership Program (2) pursuant to Rule 16b-3(d) have been distributed to participant (including shares withheld for taxes) pursuant to the provisions of the Program.

Note: File three copies of this Form, one of which must be manually signed. If space 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.

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