BUCKLEY Form 4	GEORGE W										
February 13	, 2012										
FORM	ЛД								OMB AF	PROVAL	
	UNITED	STATES		RITIES A shington			NGE CC	OMMISSION	OMB Number:	3235-0287	
Check th if no lon	gor								Expires:	January 31, 2005	
subject to Section 16. Form 4 or					BENEF	'ICIA	AL OWN	ERSHIP OF	Estimated a burden hour response	verage	
Form 5 obligation may com <i>See</i> Instruction 1(b).	ons Section 17(a) of the l	Public U	Itility Ho	lding Cor	npan	•	Act of 1934, 935 or Section			
(Print or Type	Responses)										
	Address of Reporting GEORGE W	Person [*]	Symbol	er Name an		: Tradi	0	. Relationship of I ssuer	Reporting Pers	on(s) to	
(It)	(Einst)	() [MMM]				(Check all applicable)			
(Mont			(Month/	2/10/2012				_X Director 10% Owner _X Officer (give title Other (specify below) below) CHAIRMAN OF THE BOARD & CEO			
	(Street)		4. If Am	endment, D	ate Origina	al	6	. Individual or Joi	nt/Group Filin	g(Check	
			Filed(Mo	onth/Day/Yea	ar)			Applicable Line)	no Donostino Dos		
ST. PAUL,	MN 55144-1000						_	X_Form filed by Or Form filed by Mo Person			
(City)	(State)	(Zip)	Tab	ole I - Non-	Derivative	Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	Date, if	3. Transactio Code (Instr. 8)	4. Securit por Dispos (Instr. 3, 4	ed of (5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
a				Code V	Amount	(D)	Price	(Instr. 3 and 4)			
Common Stock	02/10/2012			S	100	D	\$ 86.9375	285,087	D		
Common Stock	02/10/2012			S	3,800	D	\$ 86.94	281,287	D		
Common Stock	02/10/2012			S	1,300	D	\$ 86.945	279,987	D		
Common Stock	02/10/2012			S	3,929	D	\$ 86.95	276,058	D		
Common Stock	02/10/2012			S	7,645	D	\$ 86.96	268,413	D		

Common Stock	02/10/2012	S	6,700	D	\$ 86.965	261,713	D
Common Stock	02/10/2012	S	400	D	\$ 86.9675	261,313	D
Common Stock	02/10/2012	S	100	D	\$ 86.969	261,213	D
Common Stock	02/10/2012	S	3,386	D	\$ 86.97	257,827	D
Common Stock	02/10/2012	S	850	D	\$ 86.98	256,977	D
Common Stock	02/10/2012	S	1,428	D	\$ 86.99	255,549	D
Common Stock	02/10/2012	S	200	D	\$ 86.995	255,349	D
Common Stock	02/10/2012	S	20,976	D	\$ 87	234,373	D
Common Stock	02/10/2012	S	100	D	\$ 87.002	234,273	D
Common Stock	02/10/2012	S	5,211	D	\$ 87.01	229,062	D
Common Stock	02/10/2012	S	100	D	\$ 87.015	228,962	D
Common Stock	02/10/2012	S	3,707	D	\$ 87.02	225,255	D
Common Stock	02/10/2012	S	5,205	D	\$ 87.03	220,050	D
Common Stock	02/10/2012	S	3,834	D	\$ 87.04	216,216	D
Common Stock	02/10/2012	S	3,510	D	\$ 87.05	212,706	D
Common Stock	02/10/2012	S	2,699	D	\$ 87.06	210,007	D
Common Stock	02/10/2012	S	1,300	D	\$ 87.065	208,707	D
Common Stock	02/10/2012	S	1,571	D	\$ 87.07	207,136	D
Common Stock	02/10/2012	S	100	D	\$ 87.0702	207,036	D
Common Stock	02/10/2012	S	100	D	\$ 87.0703	206,936	D
	02/10/2012	S	1,256	D	\$ 87.08	205,680	D

Common Stock							
Common Stock	02/10/2012	S	900	D	\$ 87.09	204,780	D
Common Stock	02/10/2012	S	3,200	D	\$ 87.095	201,580	D
Common Stock	02/10/2012	S	2,677	D	\$ 87.1	198,903	D
Common Stock	02/10/2012	S	2,300	D	\$ 87.105	196,603	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5	ate	7. Titl Amou Under Securi (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
BUCKLEY GEORGE W 3M CENTER ST. PAUL, MN 55144-1000	Х		CHAIRMAN OF THE BOARD & CEO					
Signatures								
George Ann Biros, attorney-in-	fact for C	George W.	02/13/2012					

Buckley

**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).

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.