FORM 4

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response...

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * KOSKI ROBERT E				2. Issuer Name and Ticker or Trading Symbol SUN HYDRAULICS CORP [SNHY]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) (First) (Middle) 1500 WEST UNIVERSITY PARKWAY				3. Date of Earliest Transaction (Month/Day/Year) 06/01/2007										below)
(Street) SARASOTA, FL 34243			4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person						
(Zip)			Tai	ble I -	Non-	-Der	rivative S	ecuriti	es Acar	ired. Disne	osed of, or l	Reneficially	Owned	
(Instr. 3) Date			2A. Deemed 3. Trans Execution Date, if Code any (Instr. 8			saction 4. Securities Acquired (A) or Disposed of (D)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)			6. Ownership Form:	7. Nature of Indirect Beneficial	
	(Month	ı/Day/Ye	ear)	Cod	le	V	Amount	(A) or (D)	Price	(Instr. 3	(Instr. 3 and 4)		Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)
06/01/2007				S			2,096	D	\$ 43.500	2,970,1	09		D (1)	
06/01/2007				S			5,000	D	\$ 43.50	2,965,1	09		D (1)	
06/01/2007				S			100	D	\$ 44.0	5 2,965,0	009		D (1)	
06/01/2007				P			4,900	D	\$ 44.12	2,960,1	09		D (1)	
										90,193			D (2)	
										141,210	6		D (3)	
										97,617			D (4)	
										422			I (5)	BY ESOP TRUST
for each class of sec	curities b	beneficia	ally	owned	direc	etly	or			•				
					1	con	ıtained i	n this	form a	re not req	uired to re	spond un	less	EC 1474 (9- 02)
											l			
ion 3A. Deemed	1 4	4.		5. Nu		6. I	Date Exe	cisable	7. 7	Γitle and				11. Natur
ecurity or Exercise (Month/Day/Year) any		Year) Code Deriv Secu Acqu (A) o Disp of (I (Instr. 8)		Deriv Secur Acqui (A) or Dispo of (D) (Instr.	Derivative (Neuron Securities Acquired (A) or Disposed of (D) (Instr. 3,		Month/Day/Year) US			derlying curities	erlying security (Instr. 5) r. 3 and	Securities Beneficially Owned Following Reported	Form of Derivation Security Direct (or Indirect)	Ownershiv: (Instr. 4) ect
							te ercisable		tion Tit	Amount or Number of				
	(Middle) ARKWAY (Zip) 2. Transaction Date (Month/Day/Year) 06/01/2007 06/01/2007 06/01/2007 06/01/2007 ion JA. Deemed Execution E	SUN 3. Da 3. Da	(Middle) ARKWAY (Zip) 2. Transaction Date (Month/Day/Year) 06/01/2007 06/01/2007 06/01/2007 06/01/2007 06/01/2007 2. Transaction Date (Month/Day/Year) 06/01/2007 06/01/2007 06/01/2007 06/01/2007 1. If Amendre Execution Date any (Month/Day/Year) 06/01/2007 06/01/2007 1. If Amendre Execution Date any (Month/Day/Year) 2. Transaction Date (Execution Date any (Month/Day/Year) 3. Deemed Execution Date, if Transac Code Transac Code	SUN HYDRAI 3. Date of Earlies 06/01/2007 4. If Amendment. Zan Transaction Date (Month/Day/Year)	SUN HYDRAULIC (Middle) ARKWAY 3. Date of Earliest Trans 06/01/2007 4. If Amendment, Date of Execution Date of Execution Date, if any (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) Code (Instr. Solve) (Instr. Solve) ARKWAY 3. Transaction Code (Instr. Code (Instr. Solve) (Instr. Solve) ARKWAY 4. S. Nu Code (Instr. Solve) (SUN HYDRAULICS CO ARKWAY 3. Date of Earliest Transaction 06/01/2007 4. If Amendment, Date Origin Table I - Non- 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) Code 1. Transaction 2. Transaction Date (Month/Day/Year) Solo/01/2007 Solo/01/2007 Solo/01/2007 Solo/01/2007 Solo/01/2007 Solo/01/2007 Parity Securities Acquires (e.g., puts, calls, warrants, option 3. Transaction Code (Instr. 8) Table II - Derivative Securities Acquires (e.g., puts, calls, warrants, option Code (Instr. 8) Transaction Of Derivative Securities Acquired (A) or Disposed	SUN HYDRAULICS CORI 3. Date of Earliest Transaction (Noh(7)2007 4. If Amendment, Date Original 1 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Instr. 8) Code (Instr. 8) Code V 06/01/2007 S 06/01/2007 S 06/01/2007 S 06/01/2007 S 06/01/2007 S 06/01/2007 P For each class of securities beneficially owned directly (e.g., puts, calls, warrants, option any (Month/Day/Year) S Table II - Derivative Securities Acquired, Instr. 8) A S Number of Code (Instr. 8) Per correct (e.g., puts, calls, warrants, option any (Month/Day/Year) (Instr. 8) S Number of Code (Instr. 8) S Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	SUN HYDRAULICS CORP [SNHY] ARKWAY 3. Date of Earliest Transaction (Month/Dath of 1/2007) 4. If Amendment, Date Original Filed(Month of 1/2007) 2. Transaction Date (Month/Day/Year) 2. Transaction Date, if Ode (Instr. 8) Code V Amount (Instr. 3) Code V Amount (Instr. 3) Code V Amount (Instr. 4) Code V Amount (Instr. 6) Code V Amount (Instr. 6) Code V Amount (Instr. 6) Code V Amount (Instr. 8) Code (Instr. 3) A, and 5)	SUN HYDRAULICS CORP [SNHY] 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Code (Instr. 8) 4. Securities Ac (A) or Disposed (Instr. 3, 4 and 5) 4. Securities Acquired (A) or Disposed of (D) (Instr. 8) 4. Transaction Date, if Code (Instr. 8) 7. Transaction Date, if Original Filed(Month/Day/Year) 8. Transaction (A) or Disposed Original Filed(Month/Day/Year) 9. Transaction Date, if Original Filed(Month/Day/Year) 9. Transaction Date,	SUN HYDRAULICS CORP [SNHY] 3. Date of Earliest Transaction (Month/Day/Year) 06/01/2007 4. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year) 3A. Deemed Execution Date (Month/Day/Year) 3A. Deemed (M	SUN HYDRAULICS CORP [SNHY] X Direct Office Of	SUN HYDRAULICS CORP [SNHY] X. Director Officer (give title below of Cold / 2007 A. If Amendment, Date Original Filed(Month/Day/Year) G. Individual or Joint/Form filed by More than (A) or Disposed of (D) (Instr. 3, a) A. Decmed (Instr. 3) A. Decmed (Instr. 8) S. Amount of Securities (Instr. 3) S. Amount of Securities (Instr. 3)	SUN HYDRAULICS CORP [SNHY] Check all applishment Check all applishment	SUN HYDRAULICS CORP [SNHY] (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) (Month/Day/Year) (Month/Day/Year

Powerfier Community (Addition	Relationships				
Reporting Owner Name / Address	Director	10% Owner	Officer	Other	
KOSKI ROBERT E 1500 WEST UNIVERSITY PARKWAY SARASOTA, FL 34243	X	X			
KOSKI BEVERLY		X			
KOSKI FAMILY LP		X			

KOSKI CHRISTINE L	X	X	
KOSKI ROBERT C		X	
KOSKI THOMAS L		X	

Signatures

Gregory C. Yadley, as Attorney-in-Fact for ROBERT E. KOSKI, BEVERLY KOSKI, KOSKI FAMILY LIMITED					
PARTNERSHIP, CHRISTINE L. KOSKI, ROBERT C. KOSKI AND THOMAS L. KOSKI					
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) Shares owned directly by Koski Family Limited Partnership. Shares owned indirectly by Robert E. Koski, Beverly Koski, Christine L. Koski, Robert C. Koski and Thomas L. Koski, each of whom is a general partner of the partnership or the controlling person of a corporate general partner of the partnership.
- (2) Shares owned directly by Robert E. Koski and indirectly by Beverly Koski, Robert E. Koski's spouse.
- (3) Shares owned directly by Beverly Koski and indirectly by Robert E. Koski, Beverly Koski's spouse.
- (4) Shares owned directly and solely by Christine L. Koski.
- (5) Reflects allocations of shares to Robert E. Koski under the Sun Hydraulics Corporation Employee Stock Ownership Plan.

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.