FORM 4

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

OMB APPROVAL
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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

SUN HYDRAULICS CORP SNHTY	(Print or Type	e Response	s)												
3.0 1.0	Name and Address of Reporting Person * NIXON CLYDE G				<u> </u>						(Check all applicable)				
SARASOTA, FL 34243 Some Some Property of the property	(Last) (First) (Middle) 1500 WEST UNIVERSITY PARKWAY				` '						X Officer (give title below) Other (specify below)				
Common Stock	(Street)										_X_Form filed by One Reporting Person				
2. Transaction Date Code		FA, FL 34	Table I Now Don't do Co. 10												
Date	1 Title of Sec	eurity		2 Transaction											7 Nature
Common Stock	(Instr. 3)		Date	Execution Date, if any	Code (Instr. 8)		(A) or I	Disposed of (D) , 4 and 5)		Beneficially Owned Following Reported Transaction(s)		llowing)	Ownership Form: Direct (D) or Indirect	of Indirect Beneficial Ownership	
Common Stock						Code	V	Amount		Price					
Common Stock	Common S	Stock		03/01/2005		S		7,200			61,507			D	
Common Stock	Common S	Stock		03/02/2005		S		200			61,307			D	
Common Stock	Common S	Common Stock		03/02/2005		S		1,100			60,207			D	
Common Stock O3/02/2005 S 100 D S 19,38 S9,907 D Common Stock O3/02/2005 S A,760 D S 1,159 D D D D D D D D D D D D D	Common Stock		03/02/2005		S		200			60,007			D		
Common Stock 03/02/2005 S 3,300 D 19,39 100 D 19,39 100 D 19,39 100 D 19,39 100 D 100	Common Stock		03/02/2005		S		100	11)		59,907			D		
Common Stock 03/02/2005 S 4,760 D 5 19.35 51,747 D Common Stock 03/02/2005 S 4,760 D 5 19.85 51,747 D Common Stock 03/02/2005 S 4,760 D 5 19.85 51,747 D Common Stock 03/02/2005 S 1,747 D Common Stock 04 D 5 19.85 51,747 D Common Stock 05/04/2005 S 1,159 S 1 Common Stock 05/04/2005 S 1,159 S 1 Common Stock 05/04/2005 S 1,159 S 1,747 D Common Stock 05/04/2005 S 1,159 S 1,747 D Common Stock 05/04/2005 S 1,747 S 1 Common Stock 05/04/200	Common S	Stock		03/02/2005		S		100			59,807			D	
Common Stock Co	Common S	Stock		03/02/2005		S		3,300			56,507			D	
Common Stock Co	Common S	Stock		03/02/2005		S		4,760			51,747			D	
teminder: Report on a separate line for each class of securities beneficially owned directly or directly. 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) Acquired Price of Derivative Price o	Common S	Stock									29,522			I	_
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) Title of 2. Derivative Conversion Date Execution Date of Derivative Of Derivative Security 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) Title of 2. Securities (Month/Day/Year) Of Date Exercisable and Expiration Date (Instr. 3) Ownership of Inderviative Securities Acquired (A) or Disposed of (D) (Instr. 3) A, and 5) Todal V (A) (D) Date Expiration Date (Instr. 4) Ownership of Date (Instr. 4) Ownership of Enderviative Securities (Instr. 4) (Instr. 4) Ownership of Indirect Transactions) (Instr. 4) Ownership of Enderviative Securities (Instr. 5) Owned (Instr. 4) Ownership of Enderviative Securities (Instr. 5) Ownership of Enderviative Securities (Instr. 5) Ownership of Enderviative (Instr. 5) Ownership of Enderviative Securities (Instr. 5) Ownership of Enderviative Securities (Instr. 5) Ownership of Enderviative Ownership of Enderviative (Instr. 5) Ownership of Enderviative Securities (Instr. 5) Ownership of Enderviative (Instr. 5) Owners	Common S	Stock									1,159			I (1)	ESOP
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 3. Transaction Date Exercisable and Expertition Date (Month/Day/Year) (Month/Day/Year) (Instr. 3) Price of Derivative Securities (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Instr. 3) Securities (Month/Day/Year) (Instr. 3) Admount of Derivative Security (Instr. 5) Beneficially Owned (Security Securities) Code (Instr. 3) Table II - Derivative Securities Acquired (A) or Derivative Securities (Instr. 3) Admount of Derivative Security (Instr. 4) Transaction Date Exercisable (Instr. 3) Beneficially Owned (Month/Day/Year) Title of Derivative Securities (Instr. 3) Beneficially Owned (Month/Day/Year) Title of Derivative Securities (Instr. 5) Beneficially Owned (Month/Day/Year) Transaction (Instr. 4) Transaction	Reminder: R indirectly.	Report on a s	eparate line	for each class of sec	urities beneficially of	owned dire	ectly o	or							
Title of Derivative Security Instr. 3) Instr. 4) Instr. 5) Instr. 4) Instr. 4) Instr. 4) Instr. 5) Instr. 4) Instr. 4) Instr. 5) Instr. 5) Instr. 5) Instr. 6) Instr. 6) Instr. 5) Instr. 5) Instr. 6) Instr. 6) Instr. 5) Instr. 6) Instr. 6) Instr. 6) Instr. 7) Instr. 9) Inst	y.						cont	tained ii	n this fo	orm ar	e not req	uired to res	pond unl	ess	EC 1474 (9- 02)
Title of Derivative Security Instr. 3) 2. Conversion Or Exercise Price of Derivative Security Instr. 3) 3. Transaction Date (Month/Day/Year) (Instr. 3) (Instr. 3) (Instr. 4)												i			
Code V (A) (D) Date Expiration Date Of Shares Or Number of Shares	Security (Instr. 3)	Conversion Date Execute (Month/Day/Year) Price of Derivative		on 3A. Deemed Execution Deg/Year) any	4. Transaction Code (Year) (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,	and (Mo	5. Date Exercisable and Expiration Date Month/Day/Year) 7. Ar Uur Se (Ir			itle and sount of derlying urities str. 3 and str. 5 str. 5 str. 6 str.		Derivative Securities Beneficially Dwned Following Reported Fransaction(s)	Owners: Form of Derivati Security Direct (I) or Indirect (s) (I)	Benefic Owners (Instr. 4
					Code V	(A) (D)	Exe			on Title	or Number of				
	Domosid	tina O	****		1	() (3)									

Relationships

Reporting Owner Name / Address	Director	10% Owner	Officer	Other
NIXON CLYDE G				
1500 WEST UNIVERSITY PARKWAY	X		Chairman of the Board	
SARASOTA, FL 34243				

Signatures

Gregory C. Yadley, as Attorney-in-Fact for CLYDE G. NIXON	03/03/2005	
Signature of Reporting Person	Date	

Explanation of Responses:

- * If the form is filed by more than one reporting person, \emph{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) Reflects allocations of shares 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.

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