Frykman Karl R. Form 4 January 05, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

Form 5 obligations may continue. See Instruction

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Frykman Karl R.			2. Issuer Name and Ticker or Trading Symbol PENTAIR plc [PNR]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (F	First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
5500 WAYZATA BLVD., SUITE 600		SUITE	01/04/2018	_X_ Officer (give title Other (specify below) President Aquatic Systems			
(S	Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
GOLDEN VALLEY, MN 55416			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (S	Zip) Table	e I - Non-D	erivative S	ecuri	ties Acqu	iired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price		d of (D)	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 Shares	01/04/2018		F(1)	739	D	\$ 72.55	36,609 (2)	D	
Common Shares - Restricted Stock Units							5,994 <u>(2)</u>	D	

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

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SEC 1474

(9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

 Title of 	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	ar) Execution Date, if TransactionNumber		Expiration Da	ate	Amou	nt of	Derivative	J	
Security	or Exercise		any	Code	of	(Month/Day/Year)		Underlying		Security	,
(Instr. 3)	Price of		(Month/Day/Year) (Instr		Derivative		Securities		(Instr. 5)]	
	Derivative				Securities		(Instr. 3 and 4)			(
	Security		Acquired]
					(A) or]
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration	Title	Number		
						Exercisable	Date	11110	of		
				Code V	(A) (D)				Shares		
				Couc v	(II) (D)				Dilaics		

Reporting Owners

Reporting Owner Name / Address

Relationships

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Director 10% Owner Officer Other

Frykman Karl R. President 5500 WAYZATA BLVD., SUITE 600 Aquatic GOLDEN VALLEY, MN 55416 Systems

Signatures

/s/ John K. Wilson, Attorney-in-Fact for Karl R. Frykman

01/05/2018

**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 surrendered to pay taxes applicable to vesting of restricted stock units.
- (2) End-of-period holdings reflect the vesting of restricted stock units that were previously reported.

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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