Stauch John L Form 4 January 18, 2018

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Stauch John L			2. Issuer Name and Ticker or Trading Symbol PENTAIR plc [PNR]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
5500 WAYZATA BLVD., SUITE 600		., SUITE	01/03/2018	_X Officer (give title Other (spec below) below) Executive Vice President, CFO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
GOLDEN VA	LLEY, MN	I 55416	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-	Derivative Securities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transacti Code (Instr. 8)	4. Securities Acquired (A) open Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price	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	01/03/2018		S <u>(1)</u>	2,392 D \$ 70.3035	22,792 (2)	D	
Common Shares - Deferral Plan					48,348.343 (2) (3)	I	Plan Agent

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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								Δ	mount		
						Date	Expiration	Title N	ı Iumber		
						Exercisable	Date	01			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Other Director 10% Owner Officer

Stauch John L 5500 WAYZATA BLVD., SUITE 600 **GOLDEN VALLEY, MN 55416**

Executive Vice President, CFO

Signatures

/s/ John K. Wilson, Attorney-in-Fact for John L. Stauch

01/18/2018

**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).
- Shares automatically sold by administrator of nonqualified deferral plan to pay taxes applicable to distribution of shares from such plan in accordance with previously made irrevocable deferral election.
- End-of-period holdings reflect a distribution from the Deferral Plan to the reporting person in an exempt transaction not required to be **(2)** reported pursuant to Section 16(a).
- (3) Shares of Pentair plc common shares will be delivered to the reporting person in accordance with their irrevocable deferral election.

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.

Reporting Owners 2