PENTAIR plc
Form 4
March 17, 2017

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person * HOGAN RANDALL J	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 (Month/Day/Year) 03/15/2017	(Check all applicable) __X__ Director　　_____ 10% Owner __X__ Officer (give title _____ Other (specify below)　　　　　　　　below) 　　　　Chairman & Chief Exec. Officer
5500 WAYZATA BLVD., SUITE 600		
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person
GOLDEN VALLEY, MN 55416		
(City)　　(State)　　(Zip)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Shares	03/15/2017		F[(1)]		1,525	D	$ 62.71	87,786 [(2)]	D	
Common Shares - Restricted Stock Units								98,704 [(2)]	D	
Common Shares - Deferral Plan								59,594.029 [(4)] [(3)]	I	Plan Agent
									I	By ESOP

| Common Shares - ESOP | 2,124.6802 (4) |

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

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SEC 1474 (9-02)

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
									Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
				Code	V	(A)	(D)							

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HOGAN RANDALL J 5500 WAYZATA BLVD., SUITE 600 GOLDEN VALLEY, MN 55416	X		Chairman & Chief Exec. Officer	

Signatures

/s/ John K. Wilson, Attorney-in-Fact for Randall J. Hogan	03/17/2017
**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.

(3)   Shares of Pentair plc common stock will be delivered to the reporting person in accordance with their irrevocable deferral election.

(4) End-of-period holdings include shares acquired under a dividend reinvestment plan in exempt transaction not required to be reported pursuant to Section 16(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.

Explanation of Responses: 3