

PENTAIR plc  
Form 4  
September 30, 2016

**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, 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**

(Last) (First) (Middle)  
5500 WAYZATA BLVD., SUITE 600  
(Street)

GOLDEN VALLEY, MN 55416

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**PENTAIR plc [PNR]**

3. Date of Earliest Transaction (Month/Day/Year)  
09/28/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chairman & Chief Exec. Officer

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 Ownership (Instr. 4)
Common Shares	08/30/2016		G	V 13,938 D \$ 0	0 <sup>(1)</sup>	I	By GRAT
Common Shares					366,168 <sup>(1)</sup> <sup>(2)</sup>	I	By Trust
Common Shares	09/28/2016		F <sup>(3)</sup>	31,381 D \$ 63.28	40,757 <sup>(4)</sup> <sup>(2)</sup>	D	
Common Shares - Restricted Stock Units					140,650 <sup>(4)</sup>	D	

I

Common Shares - Deferral Plan	58,889.655 <u>(6)</u> <u>(5)</u>		Plan Agent
Common Shares - ESOP	2,098.0945 <u>(6)</u>	I	By ESOP

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

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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 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. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 3)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## 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  
 09/30/2016  
 \*\*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) Since the date of the reporting person's last ownership form, 2,770 shares previously reported as indirectly beneficially owned by GRAT have been transferred and are now indirectly beneficially owned by Trust.
- (2) Since the date of the reporting person's last ownership form, 2,622 shares previously reported as directly held common shares have been transferred and are now indirectly beneficially owned by Trust.
- (3) Shares surrendered to pay taxes applicable to vesting of restricted stock units.
- (4) End-of-period holdings reflect the vesting of restricted stock units that were previously reported.
- (5) Shares of Pentair, Inc. common stock will be delivered to the reporting person in accordance with their irrevocable deferral election.
- (6) 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.