

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 \*  
JILEK ANGELA D.

(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)  
Sr. VP, Gen. Counsel & Secy.

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 Indirect Ownership (Instr. 4) |
|--|--------------------------------------|--|--------------------------------|---|---|--|--|
|  |                                      |  |                                | (A) or (D)<br>Code V Amount (D) Price                             |   |  |  |
| Common Shares                          | 09/28/2016                           |  | F <sup>(1)</sup>               | 4,952 D \$ 63.28  | 26,168 <sup>(2)</sup>   | D  |  |
| Common Shares - Restricted Stock Units |                                      |  |                                |   | 15,129 <sup>(2)</sup>   | D  |  |
| Common Shares - ESOP                   |                                      |  |                                |   | 649.107 <sup>(3)</sup>  | I  | By ESOP                                    |
| Common Shares -                        |                                      |  |                                |   | 3,601.435 <sup>(3)</sup><br><sup>(4)</sup>  | I  | Plan Agent                                 |

Deferral  
Plan

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

**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.**

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(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. Number of Derivative Securities Beneficially Owned (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|  |  |                                      |  | 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 |
| JILEK ANGELA D.<br>5500 WAYZATA BLVD., SUITE 600<br>GOLDEN VALLEY, MN 55416 |               |           | Sr. VP, Gen. Counsel & Secy. |       |

## Signatures

/s/ John K. Wilson, Attorney-in-Fact for Angela D. Jilek  
 \*\*Signature of Reporting Person  
 09/30/2016  
 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) End-of-period holdings include shares acquired under a dividend reinvestment plan in exempt transactions not required to be reported pursuant to Section 16(a).

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(4) Pentair 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.

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