

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

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

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan
for the purchase or sale of equity
securities of the issuer that is
intended to satisfy the affirmative
defense conditions of Rule 10b5-
1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Berl Seth Jason</u> (Last) (First) (Middle) <u>10 TIMES SQUARE, 30TH FLOOR</u> (Street) <u>NEW YORK NY 10018</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Nano Nuclear Energy Inc. [NNE]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>03/02/2026</u> 4. If Amendment, Date of 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) 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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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 Stock	03/02/2026		S ⁽¹⁾		3,664 ⁽¹⁾	D	\$27.6867 ⁽²⁾	3,836 ⁽¹⁾	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						Date Exercisable	Expiration Date					
Code	V	(A)	(D)					Title	Amount or Number of Shares			

Explanation of Responses:

1. Represents the number of common stock required to be sold by the Reporting Person to cover tax withholding obligations in connection with the vesting of certain Restricted Stock Units ("RSUs"). The sale was to satisfy tax withholding obligations to be funded by a "sell to cover" transaction and does not represent a discretionary transaction by the Reporting Person. The RSUs were originally granted on June 3, 2025 under the Issuer's 2025 Equity Incentive Plan, the vesting of which were subject to the Reporting Person's continued service with the Issuer through the vesting date. On December 3, 2025, the RSUs vested as a result of the Reporting Person's continued service with the Issuer through the vesting date.

2. This transaction was executed in multiple trades during the day at prices ranging from \$27.6200 to \$27.7500. The weighted-average price is reported above. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.

/s/ Seth Jason Berl 03/04/2026
** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.
* 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).
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.
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 Number.