UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

BWX TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

800 Main Street, 4th Floor

Lynchburg, Virginia

24504 (Zip Code)

80-0558025

(I.R.S. Employer

Identification No.)

(Address of registrant's Principal Executive Offices)

BWX Technologies, Inc. 2020 Omnibus Incentive Plan (Full title of the Plan)

Thomas E. McCabe Senior Vice President, General Counsel, Chief Compliance Officer and Secretary BWX Technologies, Inc. 800 Main Street, 4th Floor Lynchburg, Virginia 24504 (Name and address of agent for service)

(980) 365-4300 (Telephone number, including area code, of agent for service)

> Copy to: John B. Beckman Hogan Lovells US LLP 555 Thirteenth Street, N.W. Washington, DC 20004 (202) 637 5600

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer		Accelerated filer	
Non-accelerated filer	\Box (Do not check if a smaller reporting company)	Smaller reporting company	
		Emerging growth company	

CALCULATION OF REGISTRATION FEE

Title of securities to be registered	Amount to be registered (1)	Proposed maximum offering price per share (2)	Proposed maximum aggregate offering price (2)	Amount of registration fee
Common Stock, \$0.01 par value	5,756,799	\$52.10	\$299,929,227.90	\$38,930.81

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall be deemed to cover an indeterminable number of additional shares that may become issuable pursuant to the anti-dilution provisions of the BWX Technologies, Inc. 2020 Omnibus Incentive Plan (the "Plan") by reason of any stock dividend, stock split or similar transaction.

(2) Estimated solely for the purpose of calculating the registration fee pursuant to Rules 457(c) and 457(h) under the Securities Act based on \$52.10 per share, the average of the high and low sales prices of shares of common stock of BWX Technologies, Inc. ("BWXT"), as reported on the New York Stock Exchange on May 1, 2020.

PART I INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The documents containing the employee benefit plan information and other information required by Part I of Form S-8 will be sent or given to participants under the Plan as specified by Rule 428 under the Securities Act. In accordance with Rule 428 under the Securities Act and the requirements of Part I of Form S-8, such documents are not being filed with the Securities and Exchange Commission (the "Commission") either as a part of this registration statement on Form S-8 (this "Registration Statement") or as a prospectus or prospectus supplement pursuant to Rule 424 under the Securities Act. BWXT will maintain a file of such documents in accordance with the provisions of Rule 428 under the Securities Act. Upon request, BWXT will furnish to the Commission or its staff a copy or copies of all of the documents included in such file.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

This Registration Statement incorporates by reference the following documents and information, which BWXT has filed with the Commission:

- 1. BWXT's Annual Report on Form 10-K for the year ended December 31, 2019 filed with the Commission on February 24, 2020;
- 2. BWXT's Definitive Proxy Statement on Schedule 14A filed with the Commission on March 17, 2020 (solely to the extent incorporated by reference into Part III of BWXT's Annual Report on Form 10-K for the year ended December 31, 2019);
- 3. BWXT's Current Reports on Form 8-K filed with the Commission on March 25, 2020, April 20, 2020, May 4, 2020 and May 5, 2020 (as amended on May 6, 2020); and
- 4. BWXT's Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2020 filed with the Commission on May 4, 2020;
- 5. The description of BWXT's common stock contained in Exhibit 99.1 to BWXT's Registration Statement on Form 10 (File No. 001-34658), as amended, filed with the Commission on July 6, 2010.

All documents subsequently filed by BWXT pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), prior to the filing of a post-effective amendment that indicates that all securities offered hereunder have been sold or that deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be part hereof from the respective date of filing of such documents.

Any statement contained in this Registration Statement, in an amendment hereto or in a document incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed amendment or supplement to this Registration Statement or in any document that is incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities.

Not Applicable.

Item 5. Interests of Named Experts and Counsel.

Not Applicable.

Item 6. Indemnification of Directors and Officers.

Delaware Law

Section 145 of the Delaware General Corporation Law provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses including attorney's fees, judgments, fines and amounts paid in settlement in connection with various actions, suits or proceedings, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation, such as a derivative action), if they acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, if they had no reasonable cause to believe their conduct was unlawful. A similar standard is applicable in the case of any actions by or in the right of the corporation, except that indemnification only extends to expenses, including attorneys' fees, incurred in connection with the defense or settlement of such actions, and the statute requires court approval before there can be any indemnification where the person seeking indemnification has been found liable to the corporation. The statute provides that it is not exclusive of other indemnification that may be granted by a corporation's certificate of incorporation, bylaws, agreement, a vote of stockholders or disinterested directors or otherwise.

BWXT's Certificate of Incorporation and Bylaws

BWXT's certificate of incorporation provides that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability (a) for any breach of that director's duty of loyalty to BWXT or its stockholders, (b) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (c) under Section 174 of the Delaware General Corporation Law, as the same exists or as the provision hereafter may be amended, supplemented or replaced, or (d) for any transactions from which that director derived an improper personal benefit.

BWXT's bylaws provide that BWXT will indemnify and hold harmless, to the fullest extent permitted by applicable law as it presently exists or may be amended, any person who was or is made or is threatened to be made a party or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person or a person for whom such person is the legal representative, is or was a director or officer of BWXT or, while a director or officer of BWXT, is or was serving at BWXT's request as a director, officer, employee or agent of another corporation or of a partnership, joint venture, limited liability company, trust or other enterprise, including service with respect to employee benefit plans, against all liability and losses suffered and expenses (including attorneys' fees) incurred by such person in connection with such action, suit or proceeding. BWXT's bylaws also provide that BWXT will pay the expenses incurred by a director or officer in defending any such proceeding in advance of its final disposition, subject to such person providing BWXT with specified undertakings. Notwithstanding the foregoing, BWXT's bylaws provide that it shall be required to indemnify or make advances to a person in connection with a proceeding (or part thereof) initiated by such person only if the proceeding (or part thereof) was authorized by BWXT's board of directors. These rights are not exclusive of any other right that any person may have or may acquire under any statute, provision of BWXT's certificate of incorporation, bylaws, agreement, vote of stockholders or disinterested directors or otherwise. No amendment, modification or repeal of those provisions will in any way adversely affect any right or protection under those provisions of any person in respect of any act or omission occurring prior to the time of such amendment, modification or repeal.

BWXT's bylaws also permit BWXT to secure and maintain insurance on behalf of any of its directors, officers, employees or agents and each person who is, or was, serving at BWXT's request as a director, officer, employee or agent of another corporation, partnership, joint venture, limited liability company, trust or other enterprise for any liability asserted against and incurred by such person in any such capacity. BWXT intends to obtain directors' and officers' liability insurance providing coverage to its directors and officers.

Director and Officer Indemnification Agreements

BWXT has entered into indemnification agreements with each of its directors and executive officers that require it to indemnify such persons to the fullest extent permitted by Delaware law, from claims and losses arising from their service to BWXT (other than certain claims brought by the indemnified party against BWXT or any of BWXT's officers and directors). The agreements also provide each indemnified person with expense advancement to the extent the expenses arise from, or might reasonably be expected to arise from, an indemnifiable claim and contain additional terms meant to facilitate a determination of the indemnified person's entitlement to such benefits.

Item 7. Exemption From Registration Claimed.

Not Applicable.

Item 8. Exhibits.

Exhibit Number	Description
4.1	Restated Certificate of Incorporation of BWX Technologies, Inc. (incorporated by reference herein to Exhibit 3.2 to BWX Technologies, Inc.'s Current Report on Form 8-K dated May 17, 2019 (File No. 1-34658)).
4.2	Amended and Restated Bylaws of BWX Technologies, Inc., dated November 1, 2019 (incorporated by reference to Exhibit 3.3 to BWX Technologies, Inc.'s Quarterly Report on Form 10-Q for the quarter ended September 30, 2019 (File No. 1-34658)).
5.1*	Opinion of Hogan Lovells US LLP.
10.1	BWX Technologies, Inc. 2020 Omnibus Incentive Plan (incorporated by reference to Appendix B to BWX Technologies, Inc.'s Proxy Statement dated March 17, 2020 (File No. 1-34658)).
23.1*	Consent of Hogan Lovells US LLP (included in Exhibit 5.1).
23.2*	Consent of Deloitte & Touche LLP.
24.1*	Powers of Attorney (included on the signature pages of this Registration Statement).
* Filed herew	ith

Item 9. Undertakings.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of this Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) under the Securities Act if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this Registration Statement;

provided, however, that the undertakings set forth in paragraphs (a)(1)(i) and (a)(1)(ii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by

reference in this Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act, BWX Technologies, Inc. certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Lynchburg, Commonwealth of Virginia, on May 6, 2020.

BWX TECHNOLOGIES, INC.

By: /s/ Rex D. Geveden

Rex D. Geveden

President and Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Rex D. Geveden, David S. Black, Thomas E. McCabe and Jason S. Kerr and each of them severally, his or her true and lawful attorney or attorneys and agent or agents with power to act with or without the others and with full power of substitution and resubstitution, for him/her and in his/her name, place and stead in his/her capacity as a director or officer or both, as the case may be, of BWX Technologies, Inc., to sign this Registration Statement and any and all amendments (including post-effective amendments) thereto and all exhibits and instruments and documents said attorney or attorneys shall deem necessary, advisable or appropriate to enable BWX Technologies, Inc. to comply with the Securities Act and all other federal and state securities laws in connection therewith, and to file the same or cause the same to be filed with the Commission, with full power and authority to each of said attorneys and agents to do and perform in the name and on behalf of each of said directors or officers, or both, as the case may be, each and every act whatsoever necessary, advisable or appropriate and to all intents and purposes as any such director or officer, or both, as the case may be, might or could do in person.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Rex D. Geveden	President and Chief Executive Officer and	May 6, 2020
Rex D. Geveden	Director (Principal Executive Officer)	
/s/ David S. Black	Senior Vice President and Chief Financial	May 6, 2020
David S. Black	Officer (Principal Financial Officer)	
/s/ Jason S. Kerr	Vice President and Chief Accounting	May 6, 2020
Jason S. Kerr	Officer (Principal Accounting Officer)	
/s/ John A. Fees	Non-Executive Chairman	May 6, 2020
John A. Fees		
/s/ Jan A. Bertsch	Director	May 6, 2020
Jan A. Bertsch		
/s/ Gerhard F. Burbach	Director	May 6, 2020
Gerhard F. Burbach		
/s/ James M. Jaska	Director	May 6, 2020
James M. Jaska		
/s/ Kenneth J. Krieg	Director	May 6, 2020
Kenneth J. Krieg		
/s/ Leland D. Melvin	Director	May 6, 2020
Leland D. Melvin		
/s/ Robert L. Nardelli	Director	May 6, 2020
Robert L. Nardelli		
/s/ Barbara A. Niland	Director	May 6, 2020
Barbara A. Niland		

Board of Directors BWX Technologies, Inc. 800 Main Street, 4th Floor Lynchburg, Virginia 24504

Ladies and Gentlemen:

We are acting as counsel to BWX Technologies, Inc., a Delaware corporation (the "**Company**"), in connection with its registration statement on Form S-8 (the "**Registration Statement**"), filed with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "**Act**"), relating to the proposed offering of up to 5,756,799 shares of the common stock, par value \$0.01 per share, of the Company (the "**Shares**"), all of which Shares are issuable pursuant to the BWX Technologies, Inc. 2020 Omnibus Incentive Plan (the "**Plan**"). This opinion letter is furnished to you at your request to enable you to fulfill the requirements of Item 601(b)(5) of Regulation S-K, 17 C.F.R. § 229.601(b)(5), in connection with the Registration Statement.

For purposes of this opinion letter, we have examined copies of such agreements, instruments and documents as we have deemed an appropriate basis on which to render the opinions hereinafter expressed. In our examination of the aforesaid documents, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the accuracy and completeness of all documents submitted to us, the authenticity of all original documents, and the conformity to authentic original documents of all documents submitted to us as copies (including pdfs). As to all matters of fact, we have relied on the representations and statements of fact made in the documents so reviewed, and we have not independently established the facts so relied on. This opinion letter is given, and all statements herein are made, in the context of the foregoing.

This opinion letter is based as to matters of law solely on the Delaware General Corporation Law, as amended. We express no opinion herein as to any other statutes, rules or regulations.

Based upon, subject to and limited by the foregoing, we are of the opinion that following (i) effectiveness of the Registration Statement, (ii) issuance of the Shares pursuant to the terms of the Plan, and (iii) receipt by the Company of the consideration for the Shares specified in the applicable resolutions of the Board of Directors or a duly authorized committee thereof and in the Plan, the Shares will be validly issued, fully paid, and nonassessable.

This opinion letter has been prepared for use in connection with the Registration Statement. We assume no obligation to advise of any changes in the foregoing subsequent to the effective date of the Registration Statement.

We hereby consent to the filing of this opinion letter as Exhibit 5.1 to the Registration Statement. In giving this consent, we do not thereby admit that we are an "expert" within the meaning of the Act.

Very truly yours,

/s/ HOGAN LOVELLS US LLP

HOGAN LOVELLS US LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our reports dated February 24, 2020, relating to the financial statements of BWX Technologies, Inc. and subsidiaries (the "Company") and the effectiveness of the Company's internal control over financial reporting, appearing in the Annual Report on Form 10-K of the Company for the year ended December 31, 2019.

/s/ Deloitte & Touche LLP Charlotte, North Carolina May 6, 2020