

[REDACTED]

July 31, 2006

Ms. Leah R. Morrell  
Licensing Officer  
BWX Technologies, Inc.  
Nuclear Products Division  
P.O. Box 785  
Lynchburg, VA 24505-0785

SUBJECT: BWX TECHNOLOGIES, INC., AMENDMENT 116 - MANAGER OF NUCLEAR  
CRITICALITY SAFETY (TAC L31956)

Dear Ms. Morrell:

This letter is in response to your letter dated June 16, 2006, by which BWX Technologies, Inc. (BWXT) requested authorization for the assignment of the Acting Manager of Nuclear Criticality Safety based on experience and education consistent with the requirements stated in Section 2.2.5 of its license application. Pursuant to Part 70 to Title 10 of the Code of Federal Regulations, Materials License SNM-42 is hereby amended to include the date of your submittal (June 16, 2006) in Safety Condition S-1 of the license, reflecting the Nuclear Regulatory Commission's (NRC) conclusion that the education and experience of the Acting Manager of Nuclear Criticality Safety is equivalent to the requirements of Section 2.2.5 of your license application. The issuance of this letter closes activities related to TAC L31956.

All other conditions of this license shall remain the same. Enclosed are copies of the revised Materials License SNM-42 (Enclosure 1), and the Safety Evaluation Report (Enclosure 2) that includes an Environmental Review and determination that this action did not require an environmental assessment or environmental impact statement.

If you have any questions concerning this letter, please contact Billy Gleaves of my staff by phone at (301) 415-5848 or via email to [bcg@nrc.gov](mailto:bcg@nrc.gov).

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L. Morrell

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Sincerely,

/RA/

Gary S. Janosko, Chief  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-27  
License No.: SNM-42  
Amendment 116

Enclosure:

1. Materials License SNM-42
2. Safety Evaluation Report

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L. Morrell

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Division of Fuel Cycle Safety  
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(Closes TAC L31956)

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DOCKET: 70-27

LICENSE NO: SNM-42

LICENSEE: BWX Technologies, Inc.  
Nuclear Products Division  
Lynchburg, VA

SUBJECT: SAFETY EVALUATION REPORT - BWX TECHNOLOGIES  
AMENDMENT FOR AUTHORIZATION OF ACTING MANAGER OF  
NUCLEAR CRITICALITY SAFETY

#### BACKGROUND

By letter dated June 16, 2006, BWX Technologies Inc.(BWXT) requested authorization for the assignment of the Manager of Nuclear Criticality Safety based on the equivalence of experience and education consistent with the requirements stated in Section 2.2.5 of its license application.

#### DISCUSSION

For the Manager of Nuclear Criticality Safety, Section 2.2.5 of BWXT's license application requires a Bachelor of Science (B.S.) degree, plus two to three years experience as a criticality safety engineer at the Nuclear Power Division or another nuclear facility. Effective June 16, 2006, the current licensee Nuclear Criticality Safety Manager's position will become vacant. The licensee has requested that Mr. Robert C. Hogg be authorized by the U.S. Nuclear Regulatory Commission (NRC) to become the Nuclear Criticality Safety Manager. To that end, the licensee attached Mr. Hogg's resume for review by the NRC staff, and provided justification for their determination that Mr. Hogg meets the requirements for the position.

The staff has reviewed the requirements for the Nuclear Criticality Safety Manager in BWXT's license application and Mr. Hogg's resume. In terms of the educational requirement in the license application, the staff believes that the requirement for a B.S. degree is met by the Master of Science degree in Physics held by Mr. Hogg. With regard to the experience requirement in the license application, the staff believes that the combination of experience as a criticality safety engineer with the Nuclear Criticality Safety Group at BWXT for over a year, and the experience Mr. Hogg has as a Nuclear Process Engineer in the criticality area at the NRC for over a year is equivalent to the license application requirement for two to three years experience as a criticality safety engineer. In addition, Mr. Hogg has received training in a variety of nuclear criticality safety related areas.

Enclosure 2

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### ENVIRONMENTAL REVIEW

This change is considered to relate solely to a personnel action. Therefore, pursuant to the exclusion provided under 10 CFR 51.22(c)(7), neither an environmental assessment or an environmental impact statement is warranted for this action.

### CONCLUSION

The staff therefore finds that Mr. Hogg's experience and education is equivalent to the requirements for the position of Nuclear Criticality Safety Manager as stated in Section 2.2.5 of BWXT's license application, and that authorization for Mr. Hogg to assume the position of Nuclear Criticality Safety Manager is acceptable.

### PRINCIPAL CONTRIBUTOR

Kevin Morrissey