

March 29, 2007

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

SUBJECT: BWX TECHNOLOGIES, INC., 20-YEAR LICENSE RENEWAL (TAC L31836)

Dear Ms. Morrell:

In accordance with your application dated June 30, 2004, and the complete re-submittal thereof dated October 24, 2006, and pursuant to Title 10 to Part 70 of the Code of Federal Regulations, Materials License SNM-42 is renewed.

The license is renewed for a 20-year term, expiring 20 years from the date of issuance of this letter and the enclosed license. This license renewal is issued following the preparation and publication of an Environmental Assessment (EA) and a Finding of No Significant Impact (FONSI) related to the continuing operation of your facility. The EA and FONSI was published in the *Federal Register* on March 31, 2006.

The following Safety Conditions have been brought forward, updated, and renumbered as appropriate, from the expired license: S-2, S-3, S-4, S-7, S-11, S-13, S-14, S-16.

The following Safety Conditions have expired, or have had conditions that have been satisfied: S-5, S-6, S-8, S-9, S-10, S-12, S-18.

The following Safety Conditions from the expired license (S-1, S-15, S-17) have been significantly revised and renumbered as follows:

- S-1 Authorized use: For use in accordance with the statements, representations, and conditions in Chapters 1 through 11 of the application submitted on the following dates, or as revised, pursuant to 10 CFR 70.32 or 10 CFR 70.72: October 24, 2006.
- S-9 The licensee is granted an exemption to 10 CFR 20.1201(d) and is authorized to use Annual Limit for Intake (ALI) and Derived Air Concentration (DAC) values based on dose coefficients adopted by the International Commission on Radiological Protection (ICRP), and published in ICRP Publication No. 68 for determining occupational dose, and for determining dose to individual members of the public, pursuant to 10 CFR 20.1302.

S-11 "Systems involving [REDACTED]" shall be deemed to include only workstations containing one or more machined and assembled [REDACTED] by themselves, or in conjunction with other components that are not [REDACTED]. This shall apply to [REDACTED] areas only.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

L. Morrell

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[REDACTED]

Enclosed are copies of the revised Materials License SNM-42 (Enclosure 1), and the Safety and Safeguards Evaluation Report (Enclosure 2), which includes a determination that the renewal of license SNM-42, allowing continued operations at the BWXT facility for a 20-year period will have no significant environmental impacts from the proposed action, and that no environmental impact statement was required.

Certificates of Compliance issued pursuant to 10 CFR Part 71, and your registrations allowing use of approved containers are not affected by this licensing action and remain in effect.

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.

[REDACTED]

Sincerely,

/RA/

Gary S. Janosko, Deputy Director
Fuel Facilities Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

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

Enclosures: 1. Materials License SNM-42
2. Safety & Safeguards Evaluation Report

[REDACTED]

[REDACTED]

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[REDACTED]

Sincerely,

/RA/

Gary S. Janosko, Deputy Director
Fuel Facilities Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

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Closes TAC L31836

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[REDACTED]