

[REDACTED]

September 16, 2004

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 109, REQUEST TO AMEND
CHAPTER 1, GENERAL INFORMATION (TAC L31842)

Dear Ms. Morrell:

The staff reviewed your application, dated July 22, 2004, for administrative changes to Chapter 1 of your license. The staff found your proposed changes to be acceptable. Pursuant to Part 70 of Title 10 of the Code of Federal Regulations (CFR), Materials License SNM-42 is hereby amended to reflect administrative changes requested in your letter dated July 22, 2004.

Accordingly, Safety Condition S-1 is revised to include the date of July 22, 2004. All other conditions of this license shall remain the same. This letter concludes the Nuclear Regulatory Commission's (NRC) work on TAC No. L31842.

Enclosed are copies of the revised Materials License SNM-42 and the Safety Evaluation Report that includes the Categorical Exclusion determination that this action did not require an environmental assessment.

If there are any questions regarding this matter, please contact Billy Gleaves of my staff at (301) 415-5848 or via e-mail to bcg@nrc.gov.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

L. Morrell

2

This letter contains sensitive, unclassified information, and is therefore deemed Official Use Only and will not be placed in the Public Document Room nor the Publicly Available Records component of the NRC's ADAMS document system.

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 70-27
License SNM-42
Amendment 109

Enclosures:

1. Materials License SNM-42
 2. Safety Evaluation Report
- [REDACTED]



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DISTRIBUTION:

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OFC	FCFB	E	FCFB		NSIR		FCFB		FCFB	
NAME	B. Gleaves		J. Muszkiewicz		M. Lombard		J. Lubinski		G. Janosko	
DATE	9/3/04		9/7/04		9/8/04		9/16/04		9/16/04	

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DOCKET: 70-27

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

SUBJECT: SAFETY EVALUATION REPORT: REQUEST TO AMEND CHAPTER 1,
GENERAL INFORMATION, DATED JULY 22, 2004

BACKGROUND

By a letter dated July 22, 2004, BWX Technologies, Inc. (BWXT), submitted a letter requesting an amendment of License SNM-42, Chapter 1, "General Information," of the license. The letter requested changes to Chapter 1 which include deletion of site plans and references to site plans from Chapter 1 of the license as well as correcting the acronym for the current division name to NPD (Nuclear Products Division). The letter also described plans to relocate the fence surrounding the facility and to modify Building [REDACTED] that contains no Nuclear Regulatory Commission (NRC) licensed activities.

DISCUSSION

The license amendment request proposed the following changes:

Section 1.5.6 Licensed materials may be used in the performance of Research and Development and laboratory analyses (e.g., hot cell examination of irradiated and radioactive components including irradiated fuel; analytical activities for other companies or BWXT divisions including laboratory analysis, preparation of and testing of materials and equipment; preparation and modification of radiation sources; and preparation and decontamination of reactor related hardware for inspecting, evaluating, and measuring reactor components).

[REDACTED]

[REDACTED]



- Chapter 1 Delete Figure 1-1 (Site Plan), Figure 1-2 (BWXT Technologies Property), and Figure 1-3 (BWXT Technologies Controlled Area Boundary) and all references to these figures.
- Chapter 1 [Redacted] replaced with [Redacted] throughout to reflect the current division name.
- Chapter 1 Delete Table of Applicable Pages.
- Chapter 1 Revision History Log added for internal tracking of document changes.

The proposed amendment will not result in operations different from those currently authorized under the existing license. Nor does it alter the types, forms, or quantities of Special Nuclear Material (SNM) permitted.

The July 22, 2004, license amendment request transmittal letter stated that the Fundamental Materials Control Plan and Physical Protection Plan will be submitted once the fence modification has been implemented in accordance with 10 CFR 70.32(c) and § 70.32(3), respectively. The NRC staff will review those modifications' compliance with the regulatory requirements when they are submitted.

ENVIRONMENTAL REVIEW

These changes are not considered a change in process operations and do not affect the scope or nature of the licensed activity. 10 CFR 51.22(c)(11) allows for a categorical exclusion if the following requirements have been satisfied:

- i. There is no significant change in the types or significant increase in the amounts of any effluents that may be released offsite.
- ii. There is no significant increase in individual or cumulative occupational radiation exposure.
- iii. There is no significant construction impact.
- iv. There is no significant increase in the potential for or no consequences from radiological accidents.

The scope of the amendment does not include any modifications of fuel manufacturing activities being conducted at BWXT, nor does it alter the types, forms, or quantities of the SNM of this facility. Therefore, there will be no change in the types of, and no significant increase in the amounts of, effluents released off-site. Due to the fact that this amendment will not result in operations different from those currently authorized by license, there will be no significant increase in the possibility of an offsite release and there will be no significant increase in individual or cumulative occupational radiation exposure. Relocation of the fence is not a significant construction activity; therefore there will be no significant construction impact. Due to the fact that this amendment will not result in operations different from those currently authorized by the license, there is no significant increase in the potential for or no consequences from radiological accidents.



[REDACTED]

The staff has determined that the proposed changes do not adversely affect public health and safety or the environment and are categorically excluded from the requirement to prepare a site-specific environmental assessment. Therefore, in accordance with 10 CFR 51.22(c)(11), neither an environmental assessment nor an environmental impact statement is warranted for this action.

CONCLUSION

The NRC staff finds that this amendment proposes no change in the types or amounts of effluents released offsite and no increase in individual or cumulative occupational radiation exposure. The amendment proposes no significant impact from construction activities, and no significant increase in the potential or consequences from radiological accidents. The staff recommends approval of the amendment.

PRINCIPAL CONTRIBUTOR

Merritt N. Baker