

# BWX Technologies, Inc.

a McDermott company

## Fax Cover Sheet

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Number of Pages including this Page:	10	

### Message:

Brian / Bruce -

Attached is a summary of the IAEA activities conducted from November 8 - December 16, 1999. If you have any questions, please give me a call at (804) 522-5949.

Thank you,

Don Cutchins

Administrative Review

*John P. ...*  
Name

1-4-2000  
Date

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~~**BWXT Proprietary Information**~~

**IAEA Activities at the BWXT Down Blending Facility  
November 8 – December 16, 1999**

Inspectors from the International Atomic Energy Agency (IAEA) were at the BWX Technologies (BWXT) Down Blending Facility from November 8, 1999 to December 16, 1999 to install equipment and initiate safeguards on the facility. All items planned for the period were accomplished with the exception of witnessing a true down blending and installation of their new office computer. They also completed planned activities related to facility UXUY. A detailed summary of activities along with issues encountered follows.

**A. General IAEA Inspector Information**

1. All inspectors were trained upon their arrival. Total training time was approximately 4 hours per person and consisted of General Employee Safety Training, Radiation Worker Training, and Beryllium Hazards Training. All training is effective for one year.
2. Radiation Control recommended that each inspector dress in coveralls, high top shoe covers, head cover, cotton gloves, long wrist gloves, surgeon gloves, and breathing zone monitor.
3. IAEA Inspectors that participated in the installation are shown in the table below along with their role, the periods they were present, and their training expiration date. The inspectors were on site each week, Monday through Friday for an average of 10 hour days. The IAEA was not present on the weekends nor during the facility Thanksgiving shutdown held November 25-28, 1999.

Inspector	Role	Arrival	Departure	Training Expiration
P. Ikonomou	Unit Head	11/29/99	12/3/99	11/28/00
J. Xiao	Project Leader	11/22/99	12/7/99	11/21/00
V. Fotin	Facility Officer, Principal POC	11/22/99	12/3/99	11/21/00
R. Thiele	UZOO Team, Alt. Fac. Officer	11/8/99	11/26/99	11/7/00
L. Cermak	UZOO Team, Alt. Fac. Officer	11/8/99	11/19/99	11/7/00
D. Sellinschegg	UZOO Team – Accounting Support.	11/29/99	12/3/99	11/29/00
R. Hajdusek	UZOO Team, Alt. Fac. Officer	12/2/99	12/16/99	12/1/00
J. Tanaka	Technician	11/8/99	11/24/99	11/7/00

Out of Scope

*outside scope*

(b)(4)

*(b)(4)*

~~**BWXT Proprietary Information**~~

3. A material balance report (MBR) was submitted to the Nuclear Material Management and Safeguards System (NMMSS) on November 8, 1999. This was compiled by NMMSS and submitted to the IAEA as report number 99000041 dated November 18, 1999.

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**C. Facility UZOO (BWXT Down Blending Facility)**

1. The facility was selected by the IAEA September 29, 1999

2. (b)(4) Ex 4

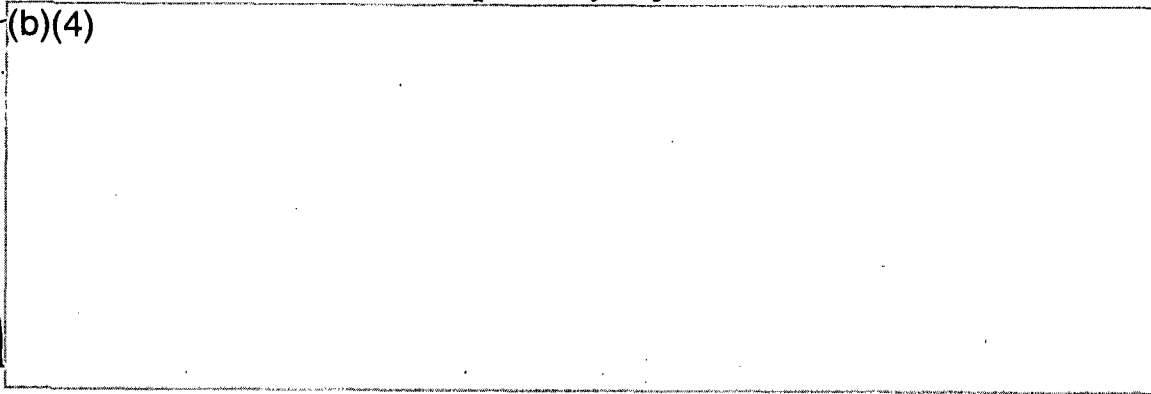
3. The Design Information Questionnaire was completed and transmitted to the NRC November 2, 1999 for forwarding to the IAEA. Three additional copies were provided to the IAEA at BWXT on November 8, 1999.
4. The IAEA completed an initial PIV and a Design Information Verification (DIV) on November 19, 1999. Facility photographs were taken through out the IAEA inspection to document the facility design. The photographs will be made available for IAEA inspection in their BWXT trailer.

Pages 4 through 5 redacted for the following reasons:

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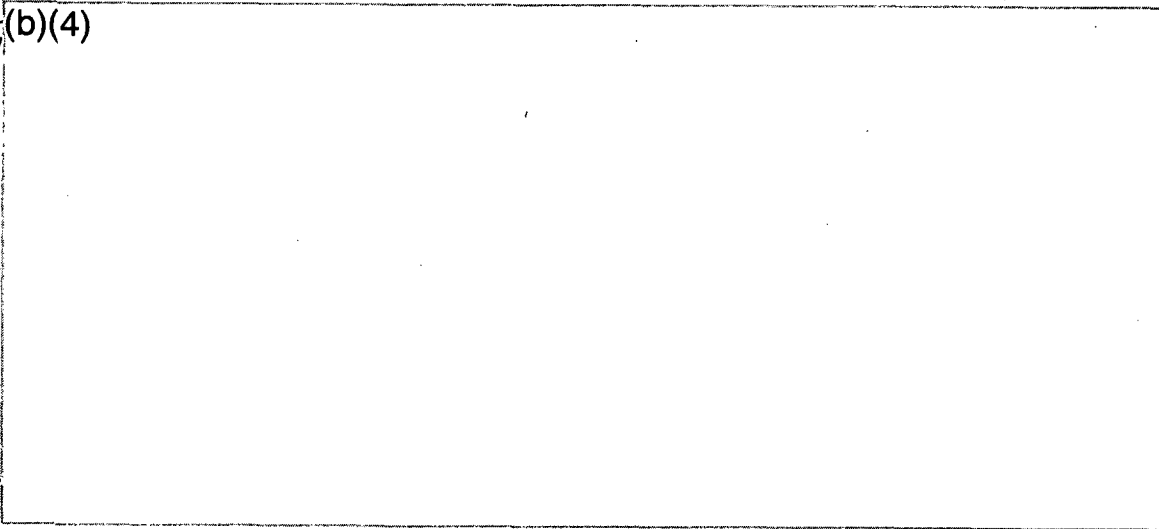
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16. The IAEA has not provided a procedure to the facility for checking the operating condition of its enrichment monitoring system. Holes were drilled in the tamper indicating boxes to allow a facility operator to view status lights and determine if the instrument is operating.

17. (b)(4)



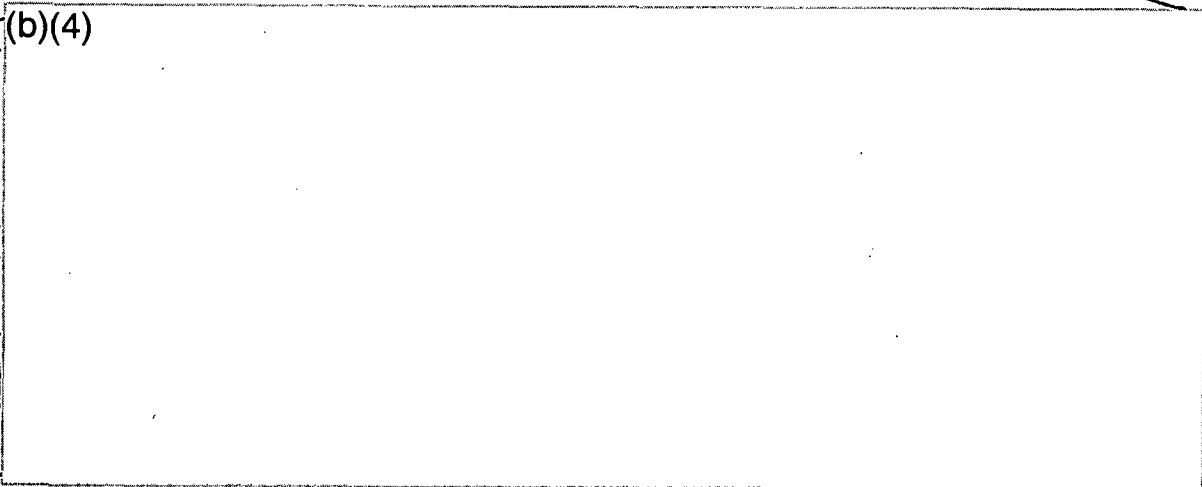
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19. BWXT agreed to maintain daily declaration information in a spreadsheet and present this information to the IAEA during inspections until the mailbox system was operational. BWXT agreed to provide the IAEA with operator run sheet information as source information if needed. BWXT would blank out any information on these run sheets not pertinent to the "facility."

20. (b)(4)



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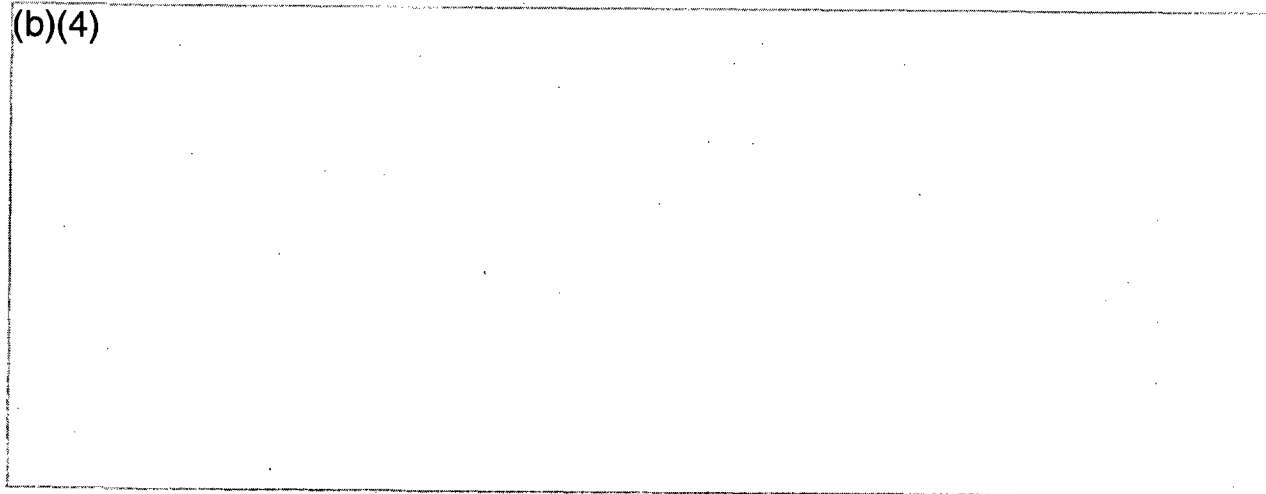
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~~***BWXT Proprietary Information***~~

23. BWXT and the IAEA discussed a BWXT proposed unannounced inspection protocol. The highlights of this discussion appear below. The revised protocol is attached. The same activities will probably be performed during announced inspections.

- BWXT will make every effort to get the IAEA into the facility within one hour of arrival at the site during normal working hours and within two hours at all other times.

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- Surveillance cameras would not be used to verify facility activity.

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