



# B&W FUEL COMPANY

An American Company with Worldwide Resources

# BW

P.O. Box 11646

Lynchburg, VA 24506-1646

Telephone: 804-522-6000

*Received*  
FEB 23 1991  
NMSS  
MAIL SECTION  
DOCKET CLERK

January 7, 1993

Theodore S. Sherr, Chief  
Domestic Safeguards Branch  
Division of Safeguards and  
Transportation, NMSS  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr Sherr:

REFERENCE: FNMC Plan, SNM-1168, Docket 70-1021

On December 1, 1992 B&W Fuel Company (BWFC) submitted revisions to their FNMC Plan concerning the sampling of downloaded fuel pellets. During a telephone conversation with Richard Cassano of your staff, it was agreed that more detail to the Plan was required to better clarify our downloading process for accountability purposes.

One concern was the use of the term shipper's values. Since for downloading operations, the incoming product (pellets in fuel assemblies) differs from the outgoing product (pellets in boxes) the use of shipper's values was inappropriate. To rectify this, the words shipper's values was replaced with "shipper's element and isotopic values" on page 3-2. To further support this the following statement was added on page 3-3, "In either case, the pellet boxes must be weighed and uranium content quantified. This may be determined by using shipper's element and isotopic values or receiver's sample analytical data."

Richard also questioned whether the rods would contain more than one enrichment. To cover this, annex C sampling plan was modified to include the following: "Each batch must contain one enrichment. If enrichment varies amongst fuel assemblies or within fuel rods, a drawing that identifies the location of the enrichment variations must be available to separate batches.

Pages 3-2, 3-3 and the UO2 Pellet Receipt Sampling Plan Outline of Annex 3 were affected by these changes. These revisions are identified with a side bar. The pages reflect today's date and revision 5. Six copies of these changes are provided. Please remove only those three pages of the FNMC plan and replace them with the ones provided.

230034

9302240186 930107  
PDR ADOCK 07001201  
C PDR

*Same as  
07001201 F50M*

*For review  
w/out  
incl*

BWFC regards these changes as an increase rather than decrease of the Plans effectiveness and are submitting these changes under the provisions of 10 CFR 70.32. If you should have any questions regarding this submittal, please feel free to call me (804) 522-6202.

Sincerely,

B&W FUEL COMPANY  
Commercial Nuclear Fuel Plant

*Kathryn S. Knapp*

Kathryn S. Knapp  
Manager, Safety & Licensing

DOCKET NO. 70-1021  
CONTROL NO. 26876  
DATE OF DOC. 1/7/93  
DATE RCVD. 2/23/93  
FCIF \_\_\_\_\_ PDR ☒ 4r  
FCAP \_\_\_\_\_ LPDR \_\_\_\_\_  
\_\_\_\_\_ I & E REF. \_\_\_\_\_  
\_\_\_\_\_ SAFEGUARDS ☒  
FCTC \_\_\_\_\_ OTHER \_\_\_\_\_  
DATE 2/23/93 INITIAL Qcm