

70-36



October 10, 1996

Docket No. 70-36

License No. SNM-33

Mr. Robert C. Pierson, Chief
Licensing Branch
Division of Fuel Safety and Safeguards
U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555


**SUBJECT: REQUEST FOR TEMPORARY CHANGE TO UF₆ RECEIPT
SAMPLING PROCEDURE**

Dear Mr. Pierson:

This request is to amend the witness sampling procedure described in our Fundamental Nuclear Material Control Plan (FNMCP) for work order GES 3102. The work order consists of four cylinders of 4.00% ²³⁵U WR material. Section 4.3.1 of the FNMCP states: *Received UF₆ has been sampled, weighed and tamper safe sealed by the vendor. Measured assays for element and isotope are reported by the vendor. A witnessed sample is obtained from the vendor and analyzed for U and ²³⁵U by a contractor lab. Each cylinder is weighed upon receipt and the seal is inspected. The vendor's element and isotopic content is accepted based on calculated agreement for domestic UF₆. Receiver's values are booked for foreign UF₆.* Due to the immediate need and availability of the specified enrichments for the work order, witness samples were unavailable from USEC for this material. As an alternate for the witness sampling, we will collect two samples of UO₂F₂ from reactor-one of our conversion process. One sample will be taken after reactor-one's bed is flushed with material from the represented cylinder. The second sample will be taken from the ending portion of the represented cylinder. The samples will be analyzed for ²³⁵U. The results will be used to verify Lockheed Martin's reported values. The percent uranium values will be derived by using a nominal (historical average) concentration for UF₆ receipts. Lockheed Martin's values will be booked for the shipments. The verification will be completed within sixty days of receipt for each cylinder shipment.

We appreciate your assistance in this matter. Please contact myself or Mr. David S. Harris of my staff if further information is required.

Very Truly Yours,
COMBUSTION ENGINEERING, INC.


Robert W. Sharkey
Director Regulatory Affairs

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CONTAINS 10 CFR 2.79 INFORMATION