

yellow

August 24, 1982

Westinghouse Electric Corporation
ATTN: Mr. C. F. Sanders, Manager
Radiological and Environmental
Engineering
Nuclear Fuel Division
Drawer R
Columbia, SC 29250

Gentlemen:

Subject: Unresolved Item No. 82-09-01

This refers to our telephone conversation of August 11, 1982, concerning your corrective measures for calculating the limits of error associated with uranium hexafluoride receipts. These methods were documented in your letter of May 7, 1982, which was submitted in response to Inspection Report No. 70-1151/82-09.

With regard to the matters discussed, it is my understanding that you will undertake the following measures to assure an adequate calculational basis for limits of error:

1. Continue to use Model 3 as specified in the enclosure to your May 7, 1982, letter which is conservative for receipts of uranium hexafluoride until the capability specified in item 2 below is developed.
2. Develop the capability by December 31, 1982, to calculate the limit of error associated with a total shipment in accordance with Model 1 as delineated in the same enclosure, and to calculate the limit of error associated with an individual cylinder in accordance with an exact model.
3. Use caution in the interim when calculating limits of error for receipts of individual uranium hexafluoride cylinders with Model 3 since the calculation is nonconservative.

Please inform me if your understanding of this matter is different from that stated above.

Sincerely,

(Original signed by McAlpine)

E. J. McAlpine, Chief
Material Control and Accountability Section
Division of Engineering and Technical
Programs

cc: Document Management Br.
State of SC

RII

RII

DWJones:ht
8/23/82

EJMcAlpine
8/23/82