

PLEASE RETURN TO NMSS/SGFF - 881-SS

MAR 12 1985

SGFF:DRJ-85-24
70-1151Westinghouse Electric Corporation
Nuclear Fuel Division - Columbia Plant
ATTN: Mr. C. F. Sanders, Manager
Nuclear Materials Management
Drawer R
Columbia, South Carolina 29250

Gentlemen:

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Docket File 70-1151 -

Case File

SGFF r/f

NMSS r/f

DJoy

CNSmith

ESuarez

DWeiss, LFMB

WCrow, FC

LCobb, IE

JPStohr, RII

EMcAlpine, RII

Based on discussions between John Chinault of your staff and Don Joy of this office concerning your desire to upgrade your fuel rod bias correction methodology, and also based on a recent policy change pertaining to our bias correction criteria, it has been mutually determined that Condition 4.5 of your Amendment SG-1 needs to be revised. Accordingly, License Condition 4.5 of Amendment SG-1 to your License No. SNM-1107 is hereby revised, effective immediately, to read as follows:

- 4.5 Notwithstanding the requirement of 10 CFR 70.57(b)(8) to measure control standards for all measurement systems for the purpose of determining bias, and notwithstanding the requirement of 10 CFR 70.57(b)(11) to maintain a statistical control system to monitor such control standard measurements, the licensee need not measure nor monitor such control standards for point calibrated, bias-free, systems. To be regarded as bias-free, a measurement system must either (1) be calibrated (by one or more measurements of a representative standard) at least once during any eight-hour time frame in which process unknowns are measured, and the measurement value assigned to a given unknown must either be based on the single most recent calibration or the average of two or more calibrations performed during such eight-hour time frame, or (2) incorporate a bias correction into the measurement response for each process unknown measured (at the time of measurement) where such bias correction is based upon the average of the eight (or more) most recent measurements of a representative standard performed within the past 14 calendar days -- at least one of which was performed within the past eight hours.

When utilizing the approach given in (2) above (which can only be applied in the case of mass or NDA systems), each bias correction must be calculated to the nearest .01 gram

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Mr. C. F. Sanders

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(gross weight, tare weight, or grams U-235 as appropriate) and applied to an item before rounding the item's value to its nearest accounting unit (e.g., the nearest tenth of a gram for fuel rods).

Sincerely,

Original signed by Willard B. Brown

Willard B. Brown, Chief
Fuel Facility Safeguards
Licensing Branch
Division of Safeguards, NMSS

cc: A. J. Nardi

OFFICE	SGFF	SGFF	SGFF	SGFF			
NAME	DJoy/ch	ESuarez	CNSmith	WBBrown			
DATE	3/11/85	3/11/85	3/11/85	3/11/85			