

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

May 6, 1975

Mr. Norman C. Moseley, Director
U. S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Re: IE:II:TNE
50-269/75-1
50-270/75-1
50-287/75-1

Dear Mr. Moseley:

The purpose of this letter is to appraise you of additional information regarding Item I.B.3, "Personnel Radiation Exposure Records," of IE Inspection Report 50-269, -270, and -287/75-1. As you are aware, this item concerned the reduction of the exposure records of two individuals and not similarly reducing the records of all other personnel when a possible error in TLD dosimetry results was discovered. In the case of the two individuals noted, the TLD badges were significantly greater than those indicated by their dosimeter readings. This is a relatively infrequent occurrence as dosimeters usually indicate greater exposure than the TLD's. Subsequently, a letter received from the TLD vendor described uncertainties in the TLD results and concluded that the fourth quarter TLD readings had been reported as 15 percent to 30 percent high. Therefore, one individual, previously thought to have received a dose of 3040 millirem, was assigned an exposure of 2110 millirem based upon his film badge and dosimeter readings. The second individual, previously thought to have received a dose of 3410 millirem, was assigned an exposure of 2965 millirem based upon his dosimeter readings and a conservative TLD correction factor of 15 percent.

In order to provide consistent radiation exposure records, a review of all records of the fourth quarter is being performed. In instances where the dosimeters indicate significantly lower exposures than the TLD results, and will support the minimum correction factor of 15

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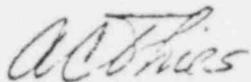
Mr. Norman C. Moseley

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percent suggested by the TLD vendor, the exposure records will be corrected by reducing the indicated exposure 15 percent. It is expected that these records will be corrected by June 15, 1975.

Very truly yours,



A. C. Thies

ACT:vr