

May 13, 1959

USAEC, IDAHO FALLS, IDAHO

Donald I. Walker

ROUTINE

USAEC, WASHINGTON, D. C.

INFO COPY TO W. J. LAGARDE, ID LIAISON OFFICER, RDD, WASH.

FOR M. M. MANN, DIVISION OF INSPECTION, FROM DONALD I. WALKER, DIRECTOR, DIVISION OF LICENSEE INSPECTION. REF TWX DLR REF AEC 557, MAY 12, URANIUM REDUCTION COMPANY, LICENSE R-161. ANSWER TO QUERY 1: NO AREA IN THE MILL CAN BE CLASSIFIED AS RADIATION AREA PER 20.202(B)(2). ALSO, THOUGH RADIATION LEVEL AT ANY LOCATION CAN BE DETERMINED, IT IS IMPOSSIBLE TO CALCULATE AN INTEGRATED DOSE TO ANY MILL EMPLOYEE WHO IS CONSTANTLY MOVING FROM AN AREA WITH ONE RADIATION LEVEL TO ANOTHER AREA WITH A DIFFERENT LEVEL. IN SUCH CASES, THE INTEGRATED DOSE IS BEST DETERMINED BY USE OF FILM BADGES. IF YOU PREFER TO CITE THE LICENSEE UNDER 20.202, PLEASE INFORM THE LICENSEE OF THE METHOD BY WHICH HE IS TO DETERMINE WHETHER OR NOT AN EMPLOYEE, WHO IS CONSTANTLY MOVING, IS LIKELY TO RECEIVE A DOSE IN EXCESS OF 25 PER CENT OF PERMISSIBLE LIMIT.

ANSWER TO QUERY 2. UNDER ABOVE-MENTIONED CONDITIONS BY CALCULATING ESTIMATED DOSE, THE LICENSEE COULD BE CITED UNDER 20.202(a)(1).

I SEE NO OBJECTION TO A LICENSEE EMPLOYING FILM BADGES AS A MEANS OF COMPLYING WITH 20.201(B), THAT IS, TO EVALUATE CONDITIONS. END REF LI:DIW

LI:DIWalker:lo

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