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September 20, 1972

50-344

Mr. James P. O'Reilly, Director
Directorate of Regulatory Operations
Region I
U. S. Atomic Energy Commission
970 Broad Street
Newark, New Jersey 07102

Subject: Supplemental information to letter of June 26, 1972
re: Potential exposure of workman to higher than
permissible concentrations

Dear Mr. O'Reilly:

The following supplemental information is a confirmation of telephone conversations on the above incident.

The last sentence of the second paragraph states that an over-exposure (to radiation) did not occur. This is true, but an over-exposure to airborne radioactive materials did take place. Using the nuclides identified in the whole body count, airborne concentrations of radioactive material were calculated. As shown in the paragraph three table, the concentrations calculated are in excess of the 10 CFR 20 limits.

On page two, the table of nuclide lung burdens is labeled "pCi". It should read nano curies. This correction yields the calculated airborne concentrations as shown and results in approximately 18 times MPC exposure.

Very truly yours,

Keith W. Amish
Keith W. Amish

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Inquiry

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