

UNITED STATES ATOMIC ENERGY COMMISSION

WASHINGTON 25, D. C.

TO: Those Listed Below

DATE: March 30, 1950

FROM: Carroll L. Wilson, General Manager

SUBJECT: RECOMMENDATION FOR CONTROL OF BERYLLIUM HAZARDS

SYMBOL: BMM:GAH

The following tentative recommendations for the control of beryllium hazards supersede all previous memoranda on this subject and are submitted for your information and guidance. (These recommendations, unless sooner revised, will be effective until April 1, 1951).

1. The in-plant atmospheric concentration of beryllium at beryllium operations should not exceed 2 micro-grams per cubic meter as an average concentration throughout an 8-hour day.
2. Even though the daily average might be within the limits of recommendation 1, no personnel should be exposed to a concentration greater than 25 micro-grams per cubic meter for any period of time, however short.
3. In the neighborhood of an AEC plant handling beryllium compounds, the average monthly concentration at the breathing zone level should not exceed 0.01 micro-gram per cubic meter.
4. If there is any evidence that an individual has chronic beryllosis, such an individual should be excluded from any further exposure to beryllium compounds.
5. There is no reason to exclude women from employment in plants handling beryllium.
6. Pre-employment and termination examinations, including chest radiographs, should be required of employees in beryllium plants.
7. Periodic chest radiographs should be made every six months on personnel exposed to beryllium.
8. Each individual exposed to beryllium should be weighed every two weeks, and if any loss of weight is noted, the reason for it should be determined.

DOE ARCHIVES

(Enclosure B) C

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