

UNITED STATES GOVERNMENT

Memorandum

TO : A. Aikens, Chief
Irradiated Fuels Branch
Division of Materials Licensing

FROM : Robert J. Catlin, Chief *Robert J. Catlin*
Radiation Standards Branch
Division of Safety Standards

SUBJECT: APPROVAL OF RESPIRATORY PROTECTION, MARTIN MARIETTA

DATE:

JUN 4 1964

Application No. 59164 submitted by Martin Marietta has been reviewed with respect to the subject topic. We find the application generally satisfactory with respect to approval of respiratory protective devices, but would make the following comments:

1. Selection of Equipment

- a. The application does not indicate the type(s) of full facepiece respirators which are to be used.
- b. The application does not specify that the mechanical filter will be of high efficiency.
- c. The application does not prohibit the use of corrective glasses having temple bars with full facepiece respirators of the negative pressure type.

2. Training

This aspect of the proposed program has been dealt with only very briefly and more information should be requested regarding:

- a. The name(s) of the individuals who will conduct the training and their experience in this field.
- b. Details of the content of the instruction to be provided including procedures for assuring that the respirator is in proper working condition, fitting, proper use and maintenance, and emergency action in the event of malfunction of the respirator.
- c. Provision of experience for each individual in the use of the equipment under simulated conditions.

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3. Issuance from Stock

The application does not establish procedures for the assignment of respirators to individuals or their issuance from stock. (There is a note on page 179 which states that after decontamination equipment is either returned to the individual to whom it is assigned or stored in the equipment issue area).

4. Contamination Levels

The application does not establish levels of contamination, either fixed or removable, limiting the use or return to use of respirators and parts thereof.

5. Inventory

The application does not specify any frequency of inspection or replacement of parts nor does it say anything about inventory or the number of devices to be available. (See page 172)

✓ *Classified*
File
19-1398-2
JUN 4 1964

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Irradiated Fuels Branch
Division of Materials Licensing
Robert J. Catlin, Chief
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