

NRC PDR



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

February 25, 1981  
NRC/TMI-81-012

Docket Nos. 50-289 &  
50-320



Mr. Gale Hovey  
Vice President and  
Director of TMI-2  
Metropolitan Edison Company  
P.O. Box 480  
Middletown, PA 17057

Dear Mr. Hovey:

Subject: Charcoal/Particulate Canisters for Personnel Respiratory  
Protection

Your letter dated June 26, 1980, requested permission to use Scott TEDA-R and Mine Safety Appliances (MSA) GMR-I canisters for protection against particulate radionuclides (protection factor of 50).

Since Scott has not submitted the TEDA-R to NIOSH for testing, we have no basis for approving the canisters use for protection against particulates at this time. Your letter references only testing done by Scott, and that is limited to penetration.

The MSA GMR-I canisters (part no. 466220) which are essentially the same as the ones you propose to use (part no. 449261) have passed NIOSH testing and have been issued approval TC-14G-108. We will approve use of the GMR-I canisters part no. 449261 for those currently on your existing stock under the following conditions:

1. Prior to use of the MSA GMR-I canister (part no. 449261), Met-Ed must submit an acceptable testing program to the NRC. This will include breathing resistance tests and penetration tests, and steps to be taken if defective canisters are found.
2. Prior to use of the MSA GMR-I canister (part no. 449261), Met-Ed must submit test data to the NRC to ensure that canister degradation has not occurred. These tests are to be conducted in accordance with 30 CFR 11 and the TC-14G-108 approval quality assurance procedures and shall include:

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Mr. Gale Hovey

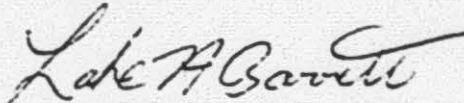
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- a. Equilibrated gas test.
- b. As received gas test.
- c. Silica dust test.
- d. Resistance test.
- e. Dioctyl-phthalate (DOP) penetration test.

Should you have any questions, we shall be pleased to discuss them with you.

Sincerely,



Lake H. Barrett  
Acting Deputy Program Director  
TMI Program Office

cc: See Service Distribution List

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Atomic Safety and Licensing Appeal Panel  
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