requirement from 5 to 10, 10 to 100, and values greater than 100, whatever they may be, the Secretary of Labor says you must find precisely the type and schedule of the test for the respirator that must be used. They are U.S. Bureau of Mines approved in the Federal Register announcements. That is not to say that you cannot investigate the use of other respirators. The use of the respirator to the industrial hygienist is an admission of defeat, engineering-wise. So, that once you require a respirator, you are saying that you cannot engineer out the problem.

Q. Is the interpretation correct here that in demolition operations that the forced air respirator is required?

A. Dr. Zapp I would think the way these stripping operations are carried out, it would certainly come under that category of exposure which would require forced air.

Reply It says in the regulation that regardless of what the concentration is, you must use forced air or fresh air.

Commander Barboo It is to your advantage, because positive pressure does have some air coming around the fit which means nothing can get in. It also does help the bewhiskered individual and it does help in air conditioning the face. It does have a number of advantages.

Q. Wouldn't it be rather difficult to wear this type of respirator around pipes and in close spaces?

A. Commander Barboo Yes, that is why there should be good use for a power pack respirator in these areas. The hose from the battery to the facepiece would be close to the body and would not get entangled like the fresh-air line hose.