

**Frederick W. Schneider**  
Vice President  
Production

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 201/622-7000

July 20, 1978

Mr. Boyce H. Grier  
Director of USNRC  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

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Dear Mr. Grier:

NRC IE BULLETIN NO. 78-07  
PROTECTION AFFORDED BY AIR-LINE RESPIRATORS  
AND SUPPLIED-HOODS  
NO. 1 UNIT  
SALEM NUCLEAR GENERATING STATION

In reply to IE Bulletin 78-07 dated June 12, 1978 and received on June 16, 1978, we offer the following response:

The Salem respiratory protection program does not utilize air-line respirators operated in the demand mode. All the air-line units are pressure-demand or continuous flow design.

The air flow to the supplied-air hoods used in the Salem program is provided by large air purifying units connected to the station air system. The ability of this arrangement to provide the minimum of 6 cubic feet per minute per man will be determined before assuming a protection factor of up to 1000. In addition, before utilizing a protection factor of up to 2000, the air flow will be determined to be the maximum recommended by the manufacturer. In both cases, the actual protection factor to be used will be based on the results of the air flow measurement and the ability of the hood to provide that protection as determined in a fit-test booth. The air flow measurements will be performed with calibrated flow measuring instruments.

*RAH*

Mr. Boyce H. Grier

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Should additional information be desired, we will be pleased to further discuss it with you.

Sincerely,

A handwritten signature in cursive script, appearing to read "E. Schneider".

CC: Dir., Div. of Fuel Facilities  
& Materials Safety Insp.  
USNRC  
Office of Insp. & Enforcement  
Washington, D.C. 20555

Dr. Ernest Volgenau  
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Mr. Leif J. Norrholm  
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