

December 5, 1994

Mr. J. E. Cross  
Senior Vice President and  
Chief Nuclear Officer  
Nuclear Power Division  
Duquesne Light Company  
Post Office Box 4  
Shippingport, PA 15077

SUBJECT: BEAVER VALLEY UNITS 1 & 2 - REQUEST TO USE ALTERNATE CHEMOM  
FACEPIECES (TAC NOS. M84688 AND M84689)

Dear Mr. Cross:

The purpose of this letter is to grant approval to use silicone Ultravue  
facepieces with the Chemom respirators in use at Beaver Valley.

In a letter dated September 21, 1992, Duquesne Light Company (DLC) submitted a  
request for authorization to use various sizes of Mine Safety Appliances (MSA)  
Ultravue facepieces with the MSA Chemom oxygen-generating self-contained  
breathing apparatus. In response to a verbal request for additional  
information by the U.S. Nuclear Regulatory Commission (NRC), DLC submitted  
additional information concerning use of the Chemom facepiece in a letter  
dated June 7, 1994. Since the use of these facepieces voids the certification  
extended to the Chemom respirator system by the National Institute for  
Occupational Safety and Health/Mine Safety and Health Association  
(NIOSH/MSHA), NRC approval is required, per 10 CFR 20.1703(a)(2), for their  
use to limit intakes of licensed material pursuant to 10 CFR 20.1702(c).

We have reviewed the information DLC has provided in support of the request.  
The NRC staff finds that the use of the silicone Ultravue facepieces with the  
Chemom apparatus is acceptable to limit the intakes of licensed material  
pursuant to 10 CFR 20.1702(c). However, this approval does not apply for  
emergency use and does not modify the requirement in 10 CFR 20.1703(c) that  
licensees use as emergency devices only respiratory protection equipment that  
has been specifically certified or had certification extended for emergency  
use by NIOSH/MSHA.

By this letter, we are closing TAC Nos. M84688 and M84689.

Sincerely,  
Original signed by  
Gordon E. Edison, Senior Project Manager  
Project Directorate I-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-334  
and 50-412

Enclosure: Safety Evaluation

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001  
December 5, 1994

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We have reviewed the information DLC has provided in support of the request. The NRC staff finds that the use of the silicone Ultravue facepieces with the Chemom apparatus is acceptable to limit the intakes of licensed material pursuant to 10 CFR 20.1702(c). However, this approval does not apply for emergency use and does not modify the requirement in 10 CFR 20.1703(c) that licensees use as emergency devices only respiratory protection equipment that has been specifically certified or had certification extended for emergency use by NIOSH/MSHA.

By this letter, we are closing TAC Nos. M84688 and M84689.

Sincerely,

A handwritten signature in cursive script that reads "Gordon E. Edison".

Gordon E. Edison, Senior Project Manager  
Project Directorate I-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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and 50-412

Enclosure: Safety Evaluation

cc w/encl: See next page

J. E. Cross  
Duquesne Light Company

Beaver Valley Power Station  
Units 1 & 2

cc:

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