

CENTRAL
MAIL

AMERICAN ELECTRIC POWER Service Corporation



2 Broadway, New York, N. Y. 10004
(212) 422-4800

JOHN E. DOLAN
Senior Executive Vice President
Engineering

August 11, 1978
AEP:NRC:00038

Donald C. Cook Nuclear Plant Units 1 & 2
Docket Nos. 50-315 & 50-316
License Nos. DPR-58 and DPR-74

Mr. J. G. Keppler, Regional Director
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler:

This letter contains the response to your letter of June 12, 1978, which transmitted to us IE Bulletin No. 78-07 entitled "Protection Afforded by Air-line Respirators and Supplied Air-Hoods." A written response is required for Items 1 and 2 under "Actions to be Taken by Licensees" within 60 days. Our response to these items is given below.

Regarding Item 1, we currently have and use one type of supplied -air hood approved by the National Institute of Occupational Safety and Health (NIOSH). This hood includes a belt mounted flow adjustment regulating valve. The minimum flow rate that can be set is 6.5 cfm. The maximum flow rate when at the normal operating pressure of 70 psi is about 13 cfm. (The manufacturer recommends any pressure from 50 psi to 90 psi). The hood must be used with a combination pressure reducer/regulator manifold.

The procedure for use of the air-line hood shall be written by October 1, 1978 to assure the following:

- (1) Only a manifold with a pressure gauge calibrated within the previous 12 months may be used. When in operation the pressure shall be kept at 70 ± 10 psi.

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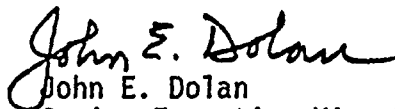
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- (2) A protection factor of 1000 shall be applied unless condition 3 below applies.
- (3) If the hood is operated with the belt mounted regulating valve set at its full-open position, a protection factor of 2000 may be used.

Any future purchases of supplied-air hoods shall be made only if the hoods are so designed as to allow compliance with the above three provisions.

Item 2 is not applicable to the Donald C. Cook Nuclear Plant because the respiratory radiation protection program for the plant does not include the use of air-line supplied-air respirators operated in the demand mode.

Very truly yours,



John E. Dolan
Senior Executive Vice President
Engineering

JED:em

cc: R. C. Callen
G. Charnoff
P. W. Steketee
R. J. Vollen
R. Walsh
D. V. Shaller-Bridgman
R. W. Jurgensen
Leo Higginbotham-NRC

