

APR 30 1973

Docket No. 50-271

Vermont Yankee Nuclear Power Corporation
ATTN: Mr. Albert A. Cree, President
77 Grove Street
Rutland, Vermont 05701

Change No. 7
License No. DPR-28

Gentlemen:

Recent tests by the AEC Respiratory Studies Group at LASL of full facepiece respirators operating in the demand mode as currently approved by the U. S. Bureau of Mines have indicated that the protection factor for particulates and vapors and gases is considerably less than the expected factor of 500. As a result of these tests, technical specifications containing allowances for the use of respiratory protective equipment shall be changed to reflect a protection factor of no more than 100 for full facepiece respirators operating in the demand mode for atmosphere-supplying respirators, both airline and self-contained breathing apparatus.

Also, your procedures for determining protection factors afforded by each of the respirator types currently in use at your facility should be reviewed to determine that the protection afforded the individual wearing such respiratory equipment is at least the protection factor assigned the particular respiratory equipment by your technical specifications. If the actual protection factor is less than that given in your technical specification, you should take corrective action to either repair your respiratory equipment, replace the defective equipment, or reduce the allowable protection factor assigned to such respiratory equipment and reevaluate the exposures to any individual that used such equipment in plant activities with an assigned protection factor greater than the actual value.

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Accordingly, pursuant to Section 50.36(b) and Section 50.59 of 10 CFR Part 50, the Technical Specifications appended to Facility License No. DPR-28 are hereby changed as set forth below:

In Section 6.8.2 reduce the protection factors given in Table 6.8.1, Protection Factors for Respirators, Section II, "Atmosphere-supplying respirators," Subsection 1. "Air-line respirator: Facepiece, full - Demand mode," and Subsection 2. "Self-contained breathing apparatus (SCBA): Facepiece, full - Demand mode," for Column 3, "Particulates and vapors and gases except tritium oxide," from 500 to 100.

Sincerely,

Original Signed by
D. J. Skovholt

Donald J. Skovholt
Assistant Director for
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See next page for additional
cc's.

NDube, L:OPS
MJinks, DRA (4)
SKari, L:RP

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 TWLaughlin, DTIE
 EPA (3)
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 RLTedesco, L:CS
 TJCarter, L:OR
 ACRS (16)
 RO (3)
 Massar, OGC
 RVollmer, L:QA
 DLZiemann, L:ORB #2
 FDAnderson, L:ORB #2
 RMDiggs, L:ORB #2

OFFICE ▶	L:ORB #2 X7403 <i>sjh</i>	L:ORB #2 <i>RMD</i>	L:ORB #2 <i>DLZ</i>	L:ORB #2 <i>DJS</i>		
SURNAME ▶	FDAnderson: sjh	RMDiggs	DLZiemann	DJSkovholt		
DATE ▶	4/26/73	4/27/73	4/30/73	4/30/73		

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