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by PML
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Breathing Apparatus

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

April 30, 1979

file BREATHING
APPARATUS

MEMORANDUM FOR: Med Ed, TMI-2

FROM: NRC-IE

SUBJECT: RESTRICTIONS ON THE USE OF MASKS WITH MSA 88182
CARTRIDGES DURING DECONTAMINATION OF THE AUXILIARY/
FUEL BUILDING

The use of the subject equipment for respiratory protection purposes is subject to the following limitations.

1. Use of such equipment will not be permitted in areas where the airborne iodine-131 concentration exceeds $9 \times 10^{-8} \mu\text{Ci/cc}$.
2. Representative air samples will be taken during at least 20% of the work activity. The air sample shall be such that a minimum concentration of $4.5 \times 10^{-9} \mu\text{Ci/cc}$ of iodine-131 can be detected.
3. Records of exposure (in MPC hours) to airborne concentrations while using the subject equipment shall be maintained for each individual.
4. Each individual shall be whole body counted following an accumulation of 4 MPC hours of exposure. Records of the whole body counts will be maintained.
5. Evaluation of the exposure to airborne activity may be based upon whole body counts.
6. This agreement shall terminate on June 30, 1979, unless specifically extended in writing.

George J. Smith
NRC, IE

cc: Westinghouse Electric Co.

J. Collins

V. Stello

L. J. Cunningham

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