

APR 4 1980

Mr. J. S. Loomis
Sargent & Lundy Engineers
55 East Monroe Street
Chicago, Illinois 60603

Dear Mr. Loomis:

Your letter of March 24, 1980 to Mr. W. E. Kreger of the Nuclear Regulatory Commission requested information related to the quantity of coating material which has not been qualified as discussed in Standard Review Plan 6.1.2, "Organic Materials," but which the NRC finds acceptable for use in-containment.

The Accident Analysis Branch (AAB) of the NRC has determined this quantity to be 100 kilograms.

The determination of the acceptability of 100 kilograms of unqualified coating material in-containment was calculated on the basis of a gas yield for polyethylene (3.1 molecules/100eV) and the radiation dose identified by IEEE Standard No. 323 (2×10^8 Rads) which was endorsed by the NRC.

Should you require additional information relating to this matter, please do not hesitate to contact us.

Sincerely yours,

Original signed by
S. S. Pawlicki

S. S. Pawlicki, Chief
Materials Engineering Branch
Division of Systems Safety
Office of Nuclear Reactor Regulation

S. S. Pawlicki
J. Halapatz

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