



DOCKET NUMBER
PROPOSED RULE

PR - misc Notice
Reg. Guide

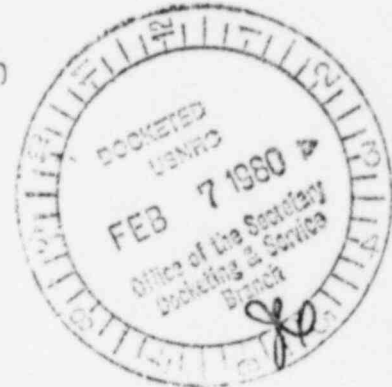
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UNIVERSITY OF ARKANSAS · Radiation Safety Committee

31 January 1980

Secretary of the Commission
U. S. Nuclear Regulatory Commission
Washington, DC 20555

D-7
TP 914-4



Attention: Docketing and Service Branch

Dear Sirs:

I have the following comment on the draft regulatory guide entitled "Measurement of Radiation Levels on Surfaces of Packages of Radioactive Materials":

In Section C, part 1, the use of a Geiger-Mueller detector is recommended for the determination of the external radiation levels from packages. Since the G-M detector output does not represent the exposure rate in Roentgens unless the particular detector is calibrated for the specific gamma-ray energy being measured, the use of this type of detector can not reliably provide the needed data. In my opinion, the use of a G-M detector should not be recommended for this application if you intend to interpret the 200 mR (mrem) limit literally. Such use of the G-M detector is improper.

Sincerely,

Acknowledged by card... dlh

Milton E. McLain, Jr.
Milton E. McLain, Jr.
Radiological Safety Officer

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