



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

AUG 24 1983

MEMORANDUM FOR: Bill Walker, Section Leader  
Medical Licensing Section  
Material Licensing Branch  
Division of Fuel Cycle and  
Material Safety, NMSS

FROM: Steven L. Baggett  
Material Certification and  
Procedures Branch  
Division of Fuel Cycle and  
Material Safety, NMSS

SUBJECT: NRC STANDARD CONDITION NO. 70

It appears from a recent Agreement State letter (copy enclosed) that the condition does not clearly state that it is acceptable to average the dose rate over a 100 square centimeter area as defined in NCRP Report 33, Section 4.2.2. The present Condition 70 A.(i) reads as follows:

- (i) The teletherapy source housing, with the teletherapy source in the "off" position. The maximum and average radiation levels at one meter from the teletherapy source in the "off" position shall not exceed 10 milliroentgens per hour and 2 milliroentgens per hour, respectively.

We suggest that you revise the condition to read as follows:

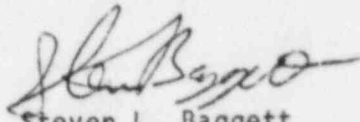
- (i) "The teletherapy source housing, with teletherapy source in the 'off' position. The maximum and average exposure rates at one meter from the source shall not exceed 10 milliroentgens per hour and 2 milliroentgens per hour, respectively. However, small areas of reduced protection are acceptable in evaluating the maximum exposure rate providing the average over 100 square centimeters at one meter from the source does not exceed 10 milliroentgens per hour."

Furthermore, we suggest that you change the present standard conditions list to reflect this revision and/or incorporate the change into the revision of Part 35.

4473-1  
PDR  
B.17  
recd 10/15/83  
Pat  
Please handle  
this. If you have  
any problems or  
suggestions let  
me know. Do  
on an "as possible  
time basis"  
Thanks  
Bill

AUG 24 1983

If you have any questions, please contact me. My phone number is 74240.



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Material Certification and  
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Enclosure: Agreement State ltr dtd 7/7/83