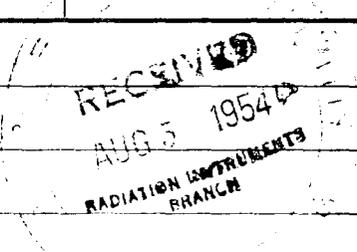


MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1954)		See me about this. Note and return.	For convenience. For signature.	For action.	For information.
TO (Name and unit) <i>H. Brown</i>	INITIALS <i>[Signature]</i>	REMARKS 405029 Draft reply to Hunter's letter			
	DATE <i>8/4</i>				
TO (Name and unit) <i>Butterhoff</i>	INITIALS	REMARKS I feel the proposed draft over looks possible vagaries in the instrument itself. Could you please prepare a consolidated reply?			
	DATE				
FROM (Name and unit) <i>Dunning</i>	REMARKS	<i>[Signature]</i>			
PHONE NO.	DATE <i>26 July</i>				

USE OTHER SIDE FOR ADDITIONAL REMARKS

16-56687-1

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RWS RK

Would you know of any "instrumental" causes for increased "background readings"? Dunning did not answer "was fallout occurring during dates mentioned at O.R. or Memphis?" If answer is yes then one might explain phenomenon.

RHB

This could well be an instrumental drift - as I remember the first models of the Halross counter had to be re-zeroed regularly. However we can not infer at this date and distance that Hunter was not competent nor that the instrument was operating improperly. As far as the counter is concerned Halross should be the best source of info. Our only question is whether there was increased background. RW