

*To. Robert Browning Neil Coleman* *DOOR WM-10(2)*  
*MS 623SS* *101*  
 See file pocket 14 for encl.  
 129 I, 60 Co AND 106 Ru MEASUREMENTS ON WATER SAMPLES FROM THE HANFORD PROJECT  
 ENVIRONS 1962-1974

The attached preliminary draft document *129 I, 60 Co and 106 Ru* Measurements on Water Samples From the Hanford Project Environs, *is a* working draft of studies conducted in the 1960's and early 1970's. The document compares very low concentrations of certain radionuclides in samples of rain water and from lakes, streams, and ground water. The objectives were to develop sampling and analytical methods to deal with trace amounts of radionuclides in environmental water samples. The document also contains preliminary interpretations of distributions and concentrations of radionuclides in Hanford Site unconfined and confined ground waters.

The document remained as a preliminary working draft because funds needed to complete, edit, review and clear the document for possible publication were applied to higher-priority tasks. Reconstruction of these efforts to update the material would be speculative and inconsistent with current knowledge of the Hanford Site environment.

Earlier working drafts of this document are available on request.

*Bob Cook* *12/31*  
*Here is a released copy of the I<sub>129</sub> paper - Thanks for your patience in this situation*  
*Jim Necco*  
 WM Record *101*

WM Project 10  
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