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FOR JOHN C BUCHER DIPECTOR DIVISION OF BIOLOGY AND MEDICINE CITY info noris bradeniny the jig division files can was languan can FROM THOMAS L SHIPMAN MD HEALTH DIVISION LEADER PD WE HAVE LOCAL APPROVAL FOR FOLLOWING PROPOSAL CLN TO COLLECT AND ANALYZE URINE SAMPLES FEON MATIVES AND AIR WEATHER SERVICE PERSONNEL PD REASONS CLIN To correlate with data collected at greenhouse and uk on mice and MONKEYS IN DETERMINING THE RELATIVE EXTERNAL AND INTERNAL HAZARDS OF RADIOACTIVE DEBRIS FROM ATOMIC BOXES PD IN VIEW OF THE EXTENSIVE EXPERIENCE OF THIS LABORATORY IN NETHODOLOGY OF THIS PROBLEM AND THE AVAILABILITY OF TRAINED PERSONNEL AND FACILITIES PLUS LIAISON WITH THE RADIOCHEMICAL GROUP OF THE TEST DIVISION CHI IT IS BELIEVED THAT A MAXIMUM OF INFORMATION CAN BE ACCUMULATED WITH A MINIMUM OF EFFORT PD IN VIEW OF THE CLOSE SIMILARITY OF THIS SITUATION TO THE CONTEMPLATED PROBLEMS IN OPERATION GABRIEL AN INTENSIVE EFFORT TO OBTAIN ALL Possible data seems justified PD proposed experiments cln one PD URINE COLLECTION PD ABEL PD TWO CONSECUTIVE TWO FOUR HOUR UNINE SAMPLES VILL BE COLLECTED FROM EACH OF THE AIR WEATHER SERVICE PERSONNEL involved pd end of page one

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PACE TUO UNFJA SOTA CONTINUE

PAKER NO TWO CONSTITUTIVE TWO POUR HOUR POOLED URINE SAMPLES WILL BE COLLECTED FROM ABLE GROUP OF EXPOSED NATIVES PD IT IS DESIDED TO MAVE A TOTAL VOLUME OF TEN LITERS PER SAMPLE TO TWO PD UNIME AMALYSIS PD ABLE PD ANALYSIS FOR BARIUM LANTHANUM AT THIS TIME PD THESE NUCLIDES ARE THE MOST ABUNDANT OF THE FISSION PRODUCTS PD THE CHEMICAL METHOD IS STANDARD AT THIS LABORATORY AND FORTUNATELY THESE NUCLIDES ARE VERY IMPORTANT FROM THE POINT OF VIEW OF INTERNAL HAZARD PD BAKER PD ANALYSIS FOR PLUTONIUM PD THE METHOD IS STANDARD PD PU IS VERY IMPORTANT In any consideration of internal hazard PD from Both of these measurement AND FROM DATA FROM THE RADIOCHEMICAL GROUP INFORMATION CAN BE PUT IN TERMS OF BOMB FRACTION PD CHARLIE PD ON THE BASIS OF THE ABOVE DATA Further analyses can be hade obtaining information on practionation AND UPTAKE PD THESE WOULD POSSIBLY INCLUDE MOLYSDENIUM AND CERTAINLY AT LATER THES CAM STRONTIUM PD DOG PD A SPOT ANALYSIS FOR GROSS FISSION PRODUCT ACTIVITY WOULD BE MADE BY THE USE OF THE ARM COUNTER By placing the entire under sample in the counter PD one man will be SENT WITH END OF PAGE TWO





the disclosure

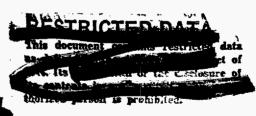
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