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BT

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BELOW ARE INITIAL COMMENTS ON LLL ENEWETAK ASSESSMENT BY ROBISON ET AL. MORE DETAILED COMMENTS WILL FOLLOW.

INGESTION PATHWAYS. MAY BE PREMATURE TO CHANGE GUT TRANSFER COEFFICIENT GTC ON BASIS OF PERSONAL COMMUNICATION. ALSO MORE

RECENT DATA APPEAR TO SHOW 25 FOLD LESS PU IN FISH FROM

NORTHERN ISLANDS. THIS ALONE COULD BALANCE THE FACTOR OF 33

BETWEEN THE SUGGESTED GTC AND ICRP GTC. REPORTED EFFECT OF

CLORINATION ON GTC NEEDS TO BE VERIFIED. NOTE THAT REFERENCE

IS NOT PUBLISHED. SUSPECT ORDERS OF MAGNITUDE ERROR IN GTC NOT

REAL BECAUSE OF GOOD MATCH BETWEEN ICRP MODELS AND AMOUNT OF

FALLOUT PU IN MAN. EPA GTC VALUES NOT DOCUMENTED, LETS USE

BEST DOCUMENTED VALUES AND APPLY BUFFER FACTORS AT END. WOULD

ALSO USE PU VALUES FOR FRUIT RATHER THAN LEAVES IF LATTER NOT

45,

REPOSITORY

PNNL

COLLECTION

Marshall Islands

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FOLDER

Enewetak April 1978

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EATEN. CAN NOT INTRODUCE CONSERVATIVE FACTORS FOR EACH PARAMETER.
WE WERE TOLD EPA BONE VALUE OF 3 MRAD PER YEAR WOULD NOT APPLY
TO ISLANDS. ⁴⁶ DOUBT IF PU VI WOULD REMAIN AS SUCH IN HUMAN GI TRACT.
PROBABLY WOULD BECOME PU IV. ⁴⁷ PERHAPS WATER CATCHMENT SYSTEMS
COULD BE PLACED ON LAGOON SIDE OF HOUSES SINCE SUSPECTED PU
CONTAMINATION MAY BE FROM OCEAN SIDE. ⁴⁸ WHAT FRACTION OF POPULATION
EXPECTED TO LIVE 70 YEARS. I DONT SEE ANY ⁴⁹ DATA ON AIR CONCENTRATIONS
OF PU? APPARENTLY MANY RECOMMENDATIONS MADE SEVERAL YEARS AGO
HAVE NOT BEEN IMPLEMENTED. ⁵⁰ DISTURBING THAT IMPORTANCE OF
COCONUT IN FOOD CHAIN STILL NOT RESOLVED SINCE IS MAJOR
CONTRIBUTOR TO DOSE. WE NEED TO CONSIDER A MONITORING PROGRAM
FOR CESIUM 137 IN PEOPLE TO CALIBRATE AND PERHAPS VALIDATE SOME
OF THE MODELS USED IN ASSESSING DOSE TO MAN. THESE IN TURN MAY
SHED SOME LIGHT ON THE TRANSURANIUM QUESTION.

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