

demonstrated that old values of about 50 μCi of ^{226}Ra would now be about 85 μCi , while old values near 100 μCi ^{226}Ra would still be near 100 μCi , and thus little changed by the new calculation.

Since the lowest ^{226}Ra intake level associated with a malignancy (a head carcinoma) is 78 μCi ^{226}Ra (new dose calculations), malignancies have apparently occurred at intake levels that may or may not cause changes in bone that are observable on X-ray images. Radium-induced malignancies may well occur at intake levels accompanied by no other diagnostic symptom.