



# Is ICRP 89 considered part of the ICRP 60-series?

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- Internal Dosimetrists trained at different DOE sites have been taught to use difference ICRP Reference man documents, ICRP 23 (*Report on the Task Group on Reference Man, 1975*) and ICRP 89 (*Basic Anatomical and Physiological Data for Use in Radiological Protection Reference Values, 2002*).
- While it is understood that DOE sites are expected to use ICRP 60-series documents for both radiation and tissue weighting factors, it is unclear which reference man document is included with that expectation.
- A reference to ICRP 23 is stated in the definition of Annual limit on intake (ALI) in 10 CFR 835.2.
- However, the same section mentions ICRP 68 explicitly in the definition of Derived air concentration (DAC), and it is understood that ICRP 119 is the better reference for the ICRP 68 (and ICRP 72) values, as minor changes were applied to that publication.

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- It is the belief of the Internal Dosimetrists at SNL that we should be using the best science available to make the highest quality calculations, but understand that the regulations have intentionally made the choice to use ICRP 60-series weighting factors.
- Is ICRP 89 part of that choice, or are we intended to continue to use ICRP 23 instead?