

# RPC WEBPAGE NEWSLETTER

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## Implementation of a new NIST primary air-kerma standard at the ADCLs

Effective July 1, 2003, NIST revised the primary air-kerma standards for  $^{60}\text{Co}$  and  $^{137}\text{Cs}$  gamma-ray beams to improve Monte Carlo calculated values of  $k_{\text{wall}}$ . This revision resulted in an increase to the air-kerma standard for  $^{60}\text{Co}$  by about 1% and to that for  $^{137}\text{Cs}$  gamma-ray beams by 0.9%. Effective January 1, 2004, NIST also revised its air-kerma standards for  $^{90}\text{Sr}$  ophthalmic applicators and conventional x-rays by 1.32%.