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Inhalation Dose Assessment of ^{212}Pb and ^7Be using Data of IMS RN65

Every year during December and January high pressure has been covered the capital of Thailand and provinces in central part and result to air ventilation is limited in vertical transportation. Air pollution occurring in Bangkok has been horizontal flown to neighbor provinces including Nakhon Pathom where RN65 located. Very high density of PM_{2.5} dust has been continued reported by the Pollution Control Department. Health problem people experienced on dust inhalation significantly increased. Internal exposure dose from inhalation of dust attached with natural radionuclides also expected increased in the area of dust pollution. Activity concentrations of natural radionuclides such as ^7Be and ^{212}Pb reported in RRR during period of problem occurring are in used for assessing of inhalation dose people living near the RN65 station received from surface air. Finally, Statistical analysis of ^7Be and ^{212}Pb activity concentrations with interesting factors were analysed and reported in this study.

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