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PROPOSAL OF A BIOASSAY PROGRAM FOR WORKERS OF THE THORIUM NITRATE PURIFICATION FACILITY AT THE IPEN-CNEN/SP

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The operations involved in the Thorium Nitrate Purification Process at the IPEN-CNEN/SP are briefly described. The main radioactive sources and the health physics procedures implemented are given. The techniques and the results of in vitro and in vivo analyses are shown and discussed. Finally a bioassay program for thorium workers is proposed and some recommendations are given.

Work partially supported by CNPq - Conselho Nacional de Desenvolvimento Científico e Tecnológico, Brazil.

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