

Radiation hazard in mining

Dept. of the Interior, Mining Enforcement and Safety Administration - Worker Health Study Summaries



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-radiation hazard in mining

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Federal Guidance Report No. 8: Guidance for the Control of Radiation Hazards in Uranium Mining

Open pit uranium milling and in situ mining sites do not pose a significant radon risk to the public or to miners; the radon disperses into the atmosphere. Some of these sites have radioactivity levels above today's regulatory limits.

Assessment of radiological hazards in the phosphate mining area of Kpogamé, Togo

Review of the extensive epidemiological dataset supporting that designation is beyond the scope of this summary. Eleven stations were randomly occupied in order to cover the upper axis of a kaolin mining field in Ifonyintedo. Nonetheless, two distribution trends were observed from the isopotassium map, which are NE — SW and SSW — NNE orientations.

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The rock is then removed through underground tunnels. Although the radon decay product concentrations measured in mines today are expected to be less than those that were routinely observed in the past, there have been efforts by NIOSH to lower i. Uranium Miners were exposed to mining dust, thought to cause lung disease.

Health and ecological hazards due to natural radioactivity in soil from mining areas of Nasarawa State, Nigeria

The decay products of uranium e. These results indicate that the study area poses no risk to the miners as well as the materials that will be produced from the kaolin such as tile.

Radioactivity and radiological hazards from a kaolin mining field in Ifonyintedo, Nigeria

Open pit mining strips away the topsoil and rock that lie above the uranium ore.

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SOURCE: Reprinted The radon exposure potential within the boundaries of the Commonwealth of Virginia is highest in the eastern Piedmont along the Fall Line, the western Piedmont, and the Valley and Ridge province ;. Importantly, this increased risk persisted for subanalysis by type of study, smoking status, and type of comparison group for cohort studies.

[PDF] The Radiation Hazard In Mining

Beta particles present both an external and an internal radiation hazard.

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