

TITLE: STRATEGIES FOR ENCOURAGING SELF-PROTECTIVE EMPLOYEE BEHAVIOR

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ABSTRACT:

This presentation was prepared by the U.S. Bureau of Mines to provide safety professionals with some direction concerning the choice of strategies for encouraging employees to adopt self-protective behaviors and avoid unsafe acts. Four strategies are considered: (1) incentives, (2) employee surveys, (3) fear communications, and (4) disciplinary actions. Each strategy is described, and the research findings concerning its effectiveness and limitations are briefly summarized.

TITLE: MINE CLOSURE CONCEPTS

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ABSTRACT:

Historic mining operations have left a legacy of dangerous mine openings such as open shafts and adits across our public lands. With the recent increases in recreational activities on the public domain the frequency of public visitation to inactive and abandoned mine sites has heightened the need to properly secure dangerous mine excavations.

Closing a mine opening is complicated by numerous factors such as presence of endangered species, future mineral potential, need to protect the public, presence of mine gases, and misuse of mine sites as illegal dumping grounds. The presentation reviews the factors that should be evaluated when selecting a closure method, application of closure methods currently in use, and new innovative techniques that have been developed to handle difficult sites.

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