January 9, 1979

Memo to File:

RE: Energy Fuels Nuclear
Hillside, Gizmo, Maybe, Vallejo,
Bears Ears Mine Complex
ACT/037/015

Energy Fuels Nuclear's Hillside, Gizmo, Maybe, Vallejo, Bears Ears underground Uranium Mine Complex was inspected on January 3, 1979, by Dean Roberts from Energy Fuels Nuclear with Jim Smith and Mike Thompson.

All of the five mines will eventually be connected underground except for the Vallejo. The ore will be brought to the surface at the Hillside portal. The Hillside site is by far the largest disturbed area out of the five. The waste dump is large and extends a considerable distance down the slope adjacent to a natural ephemeral drainage. The waste material is over-steepened resulting in tension fractures and erosion.

The Gizmo portal is used for ventilation and is equipped with fan facilities. The portal will not be used for access or rock removal. There is an ephemeral drainage channeled around the edge of the dump. The channel has junk dumped into it and shows evidence of erosion.

The area around the Maybe portal has recently been regraded in an effort to divert runoff from the portal. The mine is presently flooded. Future plans include the dumping of waste-rock on an old dump within an ephemeral drainage.

The Bears Ears site is adjacent to the much larger Hillside portal site. Some waste-rock will be disposed of at the site in the future.

The Vallejo site may not be developed in the near future. The road was not passable so the site was not observed.

In addition to the five portals one vent site is in operation. No permanent structures such as shops or buildings exist at the mine sites.

It is recommended that approval be granted conditional upon Energy Fuels Nuclear stabilizing the waste dumps and cleaning up the junk.

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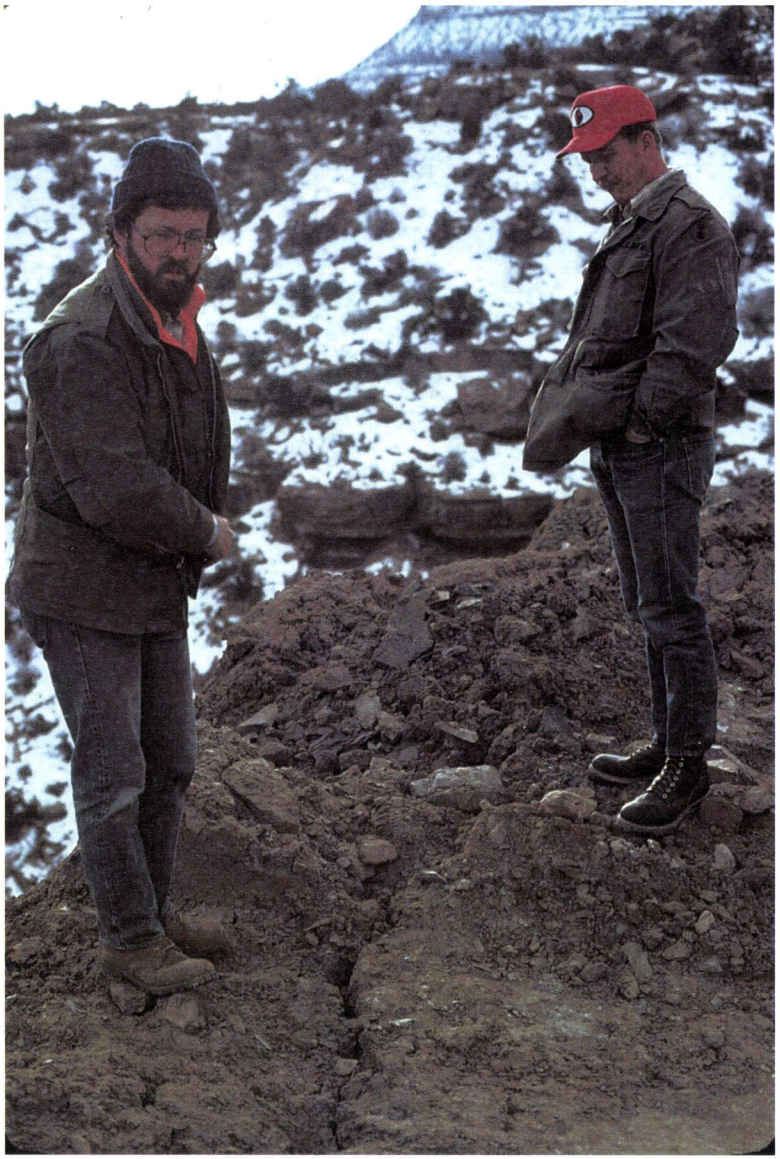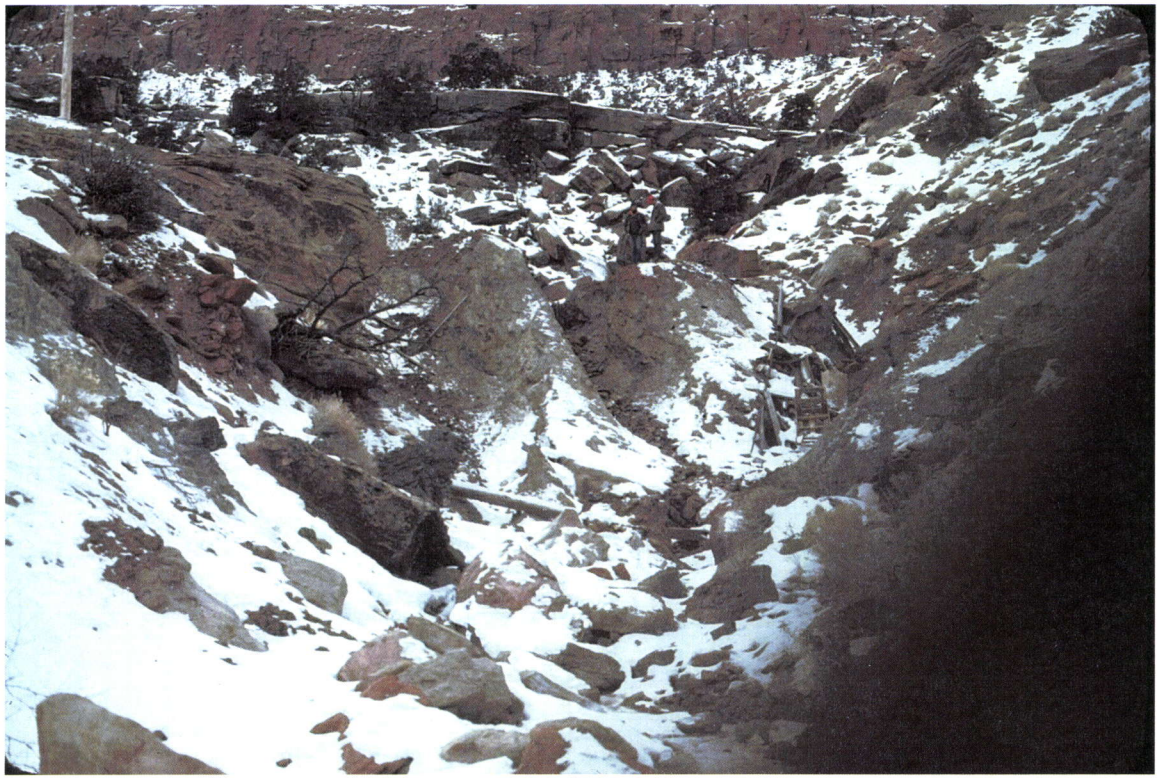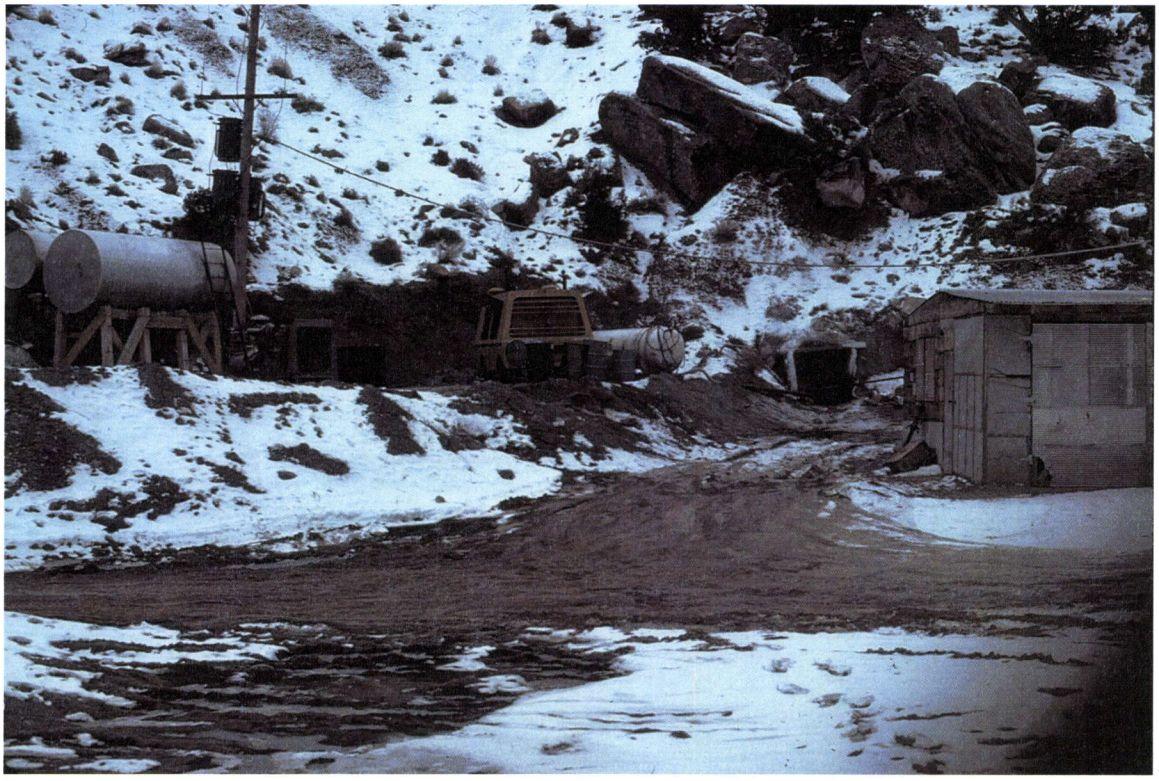
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