

March 11, 1996

TO: Uranium Recovery Licensees, National Mining Association and Those on Attached List

SUBJECT: FLUME TEST AT COLORADO STATE UNIVERSITY

The U. S. Department of Energy (DOE), licensees, and the general public are invited to observe a flume test at Colorado State University (CSU) on March 28, 1996. The test is designed to predict the size and quantity of rock riprap needed to stabilize a gully eroding into an otherwise unprotected tailings pile side slope. Several licensees and consultants have indicated an interest in observing the test.

Prior to the flume test, Dr. Steven Abt of CSU will discuss some of the work that was done previously under NRC contract. This work includes studies related to:

- (1) development of riprap design criteria
- (2) quantitative prediction of gully erosion
- (3) rock durability and use of sandstones for riprap
- (4) design of riprap toes/aprons

Dr. Abt's briefing will be held at 10:00am in Room B-301 at the CSU Hydraulics Lab on the Foothills Campus. The flume test will follow the briefing at about 11:00am and should be completed by about 12:30 pm.

If there are any questions, contact Ted Johnson at 301-415-6658.

Approved by:

(Original signed by Michael C. Layton for)

Ted Johnson

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Updated 2/22/96

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