



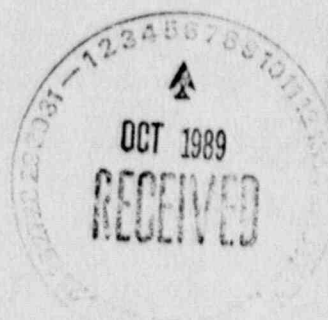
Department of Energy  
Albuquerque Operations Office  
P. O. Box 5400  
Albuquerque, New Mexico 87115

WM-48

RETURN ORIGINAL TO PDR, HQ.

OCT 02 1989

Mr. Edward F. Hawkins  
Licensing Branch 1  
Uranium Recovery Field Office  
Nuclear Regulatory Commission, Region IV  
P.O. Box 25325  
Denver, CO 80225



Dear Ed,

Enclosed for your information is the Durango Bodo Canyon winterization plan.

Please keep in mind that it cannot be foreseen exactly how far cover placement will progress this year, so that the final product may vary somewhat from this proposed scheme.

Should you have any questions, please contact Elizabeth Damler of my staff at 846-1224.

Sincerely,

Mark L. Matthews  
Acting Project Manager  
Uranium Mill Tailings Project Office

Enclosure

cc w/enclosure:  
M. Jackson, JEG

8912130187 891002  
PDR WASTE PNU  
WM-48

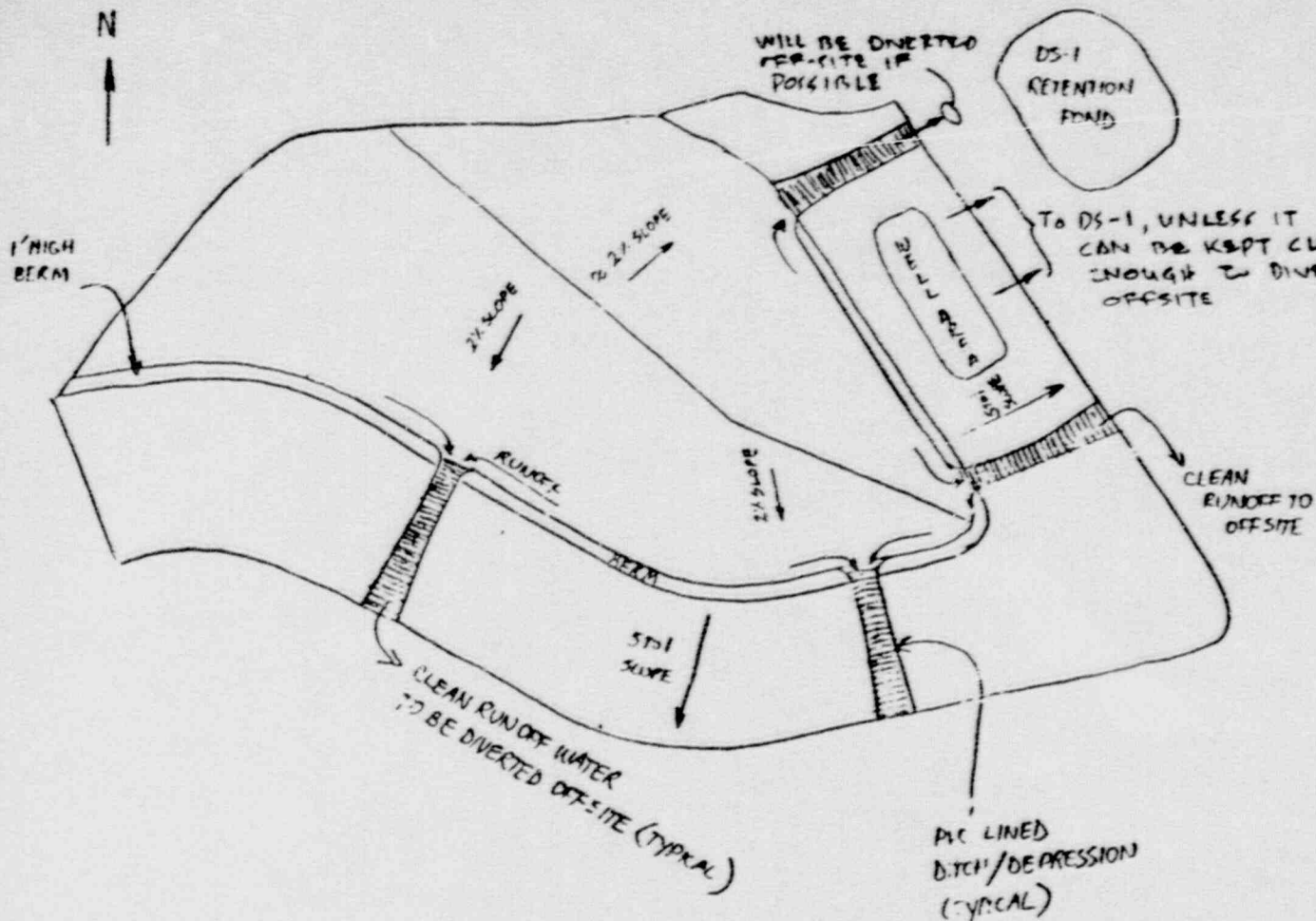
DESIGNATED ORIGINAL

Certified By *Mary C. Hood*

*DF02*  
*11*

90-0017

KANGO 1989/90 DISPOSAL CELL  
WINTERIZATION PLAN



NOTES:

1. THE NRC HAS STATED THAT THE DURANGO CELL MUST HAVE SOME SORT OF COVER OVER IT FOR THE WINTER.
2. THE NRC STATED THAT ANY LAYER OF COVER LEFT EXPOSED OVER THE WINTER MUST BE REVERIFIED (COMPACTION AND/OR MOISTURE) IN THE SPRING EVEN IF COVERED WITH PLASTIC.
3. THE ENTIRE CELL, WITH EXCEPTION OF EAST SLOPE WHICH IS COVERED WITH 2' OF CLAY SPOIL, WILL BE COVERED AT A MINIMUM WITH 6" OF TYPE C RADON BARRIER MATERIAL.
4. SINCE THE TYPE C WILL MOST LIKELY REQUIRE RECOMPACTION IN THE SPRING, THE CONTRACTOR MAY NOT ENFORCE DENSITY REQUIREMENT ON AREAS OF TYPE C LEFT EXPOSED FOR THE WINTER SINCE IT WILL HAVE TO BE REDONE ANYWAY.
5. ALL EXPOSED AREAS OF TYPE C WILL BE SPRAYED WITH WENDON CRUSTING AGENT PRIOR TO WINTER SHUTDOWN.
6. TYPE A+B RADON BARRIER WILL NOT BE ALLOWED TO REMAIN EXPOSED OVER THE WINTER. AT A MINIMUM THE DRAIN LAYER MUST BE PLACED OVER THESE MATERIALS.
7. DITCH LOCATIONS SHOWN ARE FOR INFO. ONLY AND WILL BE FIELD LOCATED AND ARE DEPENDENT ON HOW FAR COVER GETS THIS YEAR.
8. A LOW AREA WILL BE LEFT ON TOP OF THE CELL FOR ANY REMAINING CONTAMINATED MATERIAL. (IE DS-1). IT WILL BE GRADED TO BERM.
9. RIPRAP WILL BE PLACED AT THE OUTLETS OF THE PVC-LINED DRAIN CHANNELS FOR ENERGY DISSIPATION.
10. PLASTIC WILL BE PLACED OVER THE WELL FIELD AREA TO PREVENT INFILTRATION.
11. DRAINAGE FROM THE TOE DRAIN, IF INSTALLED, WILL BE RETAINED IN LIFE