



# MEMORANDUM

DATE: January 6, 1983

TO: FILE

FROM: DEVON JERCINOVIC, GROUND WATER SECTION

SUBJECT: DECEMBER 27, 1983 FIELD INSPECTION OF THE PNM PERSON GENERATING STATION

I met with Jody Plum (PNM Regulatory Licensing and Compliance) and Alberto Gutierrez and Randall Hicks (Geoscience Consultants, Inc.) to observe the final stages of drilling around the solvent disposal area.

The hole was drilled with a six-inch hollow-stem auger and split-spoon samples were taken at intervals varying between 2.5' and 10', depending on the hole depth. PNM collected soil samples from each interval. I collected soil samples at 25', 40', 55', and 90' (total depth). These samples were collected for analyses at the SLD. A composite sample was collected between 25-30' and sent to an EID contract laboratory (IT CORP, West Coast Technical Services, Inc.). Both SLD and WCTS are analyzing the soil using extraction procedures and GCMS to identify all organic priority pollutants, with the exception of pesticides. The heavy metal priority pollutants are also being analyzed.

The soil samples observed during the drilling were dominantly silty sand to medium sand with intermittent lenses of gravel.

All holes were backfilled with bentonite pellets in the bottom approximately two feet thick. Ten feet of native sand was placed on top of the bentonite and followed with a plug of granular bentonite. Another ten foot column of sand was next placed with another plug of granular bentonite. This procedure was repeated until they reached the surface.

Well #1 was sampled on the PNM property (currently used for employee consumption) for a purgeable aromatic screen. T.D. = 728', Temp = 20.5°C, Cond = 421  $\mu$ mohs.