

November 3, 1983

Mr. Raymond Sisneros, Health Program Manager
Hazardous Waste Section
New Mexico Environmental
Improvement Division
Post Office Box 968
Santa Fe, NM 87504

Dear Mr. Sisneros:

Subject: Public Service Company of New Mexico
Person Generating Station - Hazardous
Material Spill

This is in response to Boyd Hamilton's letter of October 20, 1983. On October 13, 1983, Public Service Company of New Mexico (PNM) notified NMEID that a spill of hazardous material had occurred from a buried storage tank at Person Generating Station, Albuquerque, NM. Since this notification NMEID personnel have visited the site and performed an inspection of the facility. As you and I discussed on October 19, 1983, PNM would be allowed to do core boring and soil analyses of the spill location to determine the extent of the spill and containment/cleanup action needed. The following is a description of work done to obtain soil samples.

- 1) On October 24, 1983, PNM began contamination assessment using a hollow stem auger and a split spoon sampler. (Picture 1)
- 2) This work was completed October 27, 1983. Coring was done in locations depicted in Attachment 1.
- 3) Soil samples were collected in a split spoon sampler which was driven @ 18" into undisturbed soil. These samples were collected every 2.5 feet to a depth of 50 feet and every 5 feet for all greater depths sampled. (Picture 2)
- 4) The split spoon sampler was steam cleaned at 202 degrees F after each sample was collected to prevent cross contamination of samples. (Picture 3)
- 5) Core holes PS-1 and PS-2 were alternately plugged with granular bentonite, bentonite gel and sand from a depth of 40 to 50 feet. The remaining shaft was then backfilled with clean sand available

Mr. Raymond Sisneros

-2-

November 3, 1983

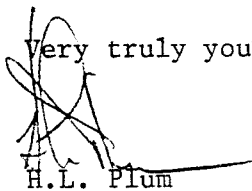
at the site.

- 6) Core hole PS-3 was plugged with granular bentonite, and bentonite gel from a depth of 40 to 50 feet. The remaining shaft was then filled with bentonite gel. (Picture 4)
- 7) Core hole PS-4 was plugged with bentonite pellets and granular bentonite from a depth of 80 to 90 feet. The remaining shaft was then filled with bentonite gel. Bentonite was delivered to the bottom 30 feet of the shaft through the hollow stem auger. The remaining bentonite was placed in the shaft after removal of the auger bit.
- 8) Core hole PS-5 was partially plugged with bentonite pellets at a depth of 90 feet. However, due to bridging in the auger bit, bentonite delivery did not occur as in core hole PS-4. In the process of rapping the auger stem to relieve bridging which had occurred, the bored shaft began to collapse, preventing further addition of bentonite. Therefore bentonite was used only in the very bottom and at the top of this shaft. However, we feel this should provide adequate security to the shaft and not provide a conduit for movement of fluids.
- 9) All core shafts are sealed. The asphalt covering of the area has remained intact except in location of sampling. The intrusion of rainwater or of any other water is therefore not anticipated.
- 10) A sample of PNM's Chain of Custody documentation can be found as Attachment 2.

At this time analyses of the samples collected is incomplete. A containment/cleanup plan must be based upon this information. As soon as it is available, I will contact you to discuss PNM's cleanup objectives to insure NMEID concerns are being considered prior to formalizing this action as a written plan. I should be contacting you on or about November 9, 1983 with this information.

If you have any questions, please contact me.

Very truly yours,



H.L. Plum
Regulatory Coordinator

HLP:cam



PUBLIC SERVICE COMPANY OF NEW MEXICO

ALVARADO SQUARE ALBUQUERQUE, NEW MEXICO 87158 _ _ _ _

ATTACHMENT 2

SAMPLING, CHAIN OF CUSTODY AND ANALYSIS RECORD

Owner _____	Firm Responsible for Sampling _____
Address _____	Address _____
Attn: _____	Attn: _____
	Job No. _____

Field Measurements

Well Identification _____	Temperature _____	Sampling Equipment _____
Date of Sampling _____		Casing Volumes Removed _____
Time _____	pH _____	
Depth of Water _____	Conductance _____	
Datum and Elevation _____	Comments _____	
Ground Water Evaluation _____		
Weather Conditions _____		

Shipping Information

Shipped or delivered to lab by _____
Date _____ Time _____

I hereby certify that to the best of my knowledge ground water samples
(amt/size _____) were obtained in accordance with _____
's (Owner) sampling and
analysis plan and are safely containerized and labeled for delivery
to the laboratory.

Signature _____

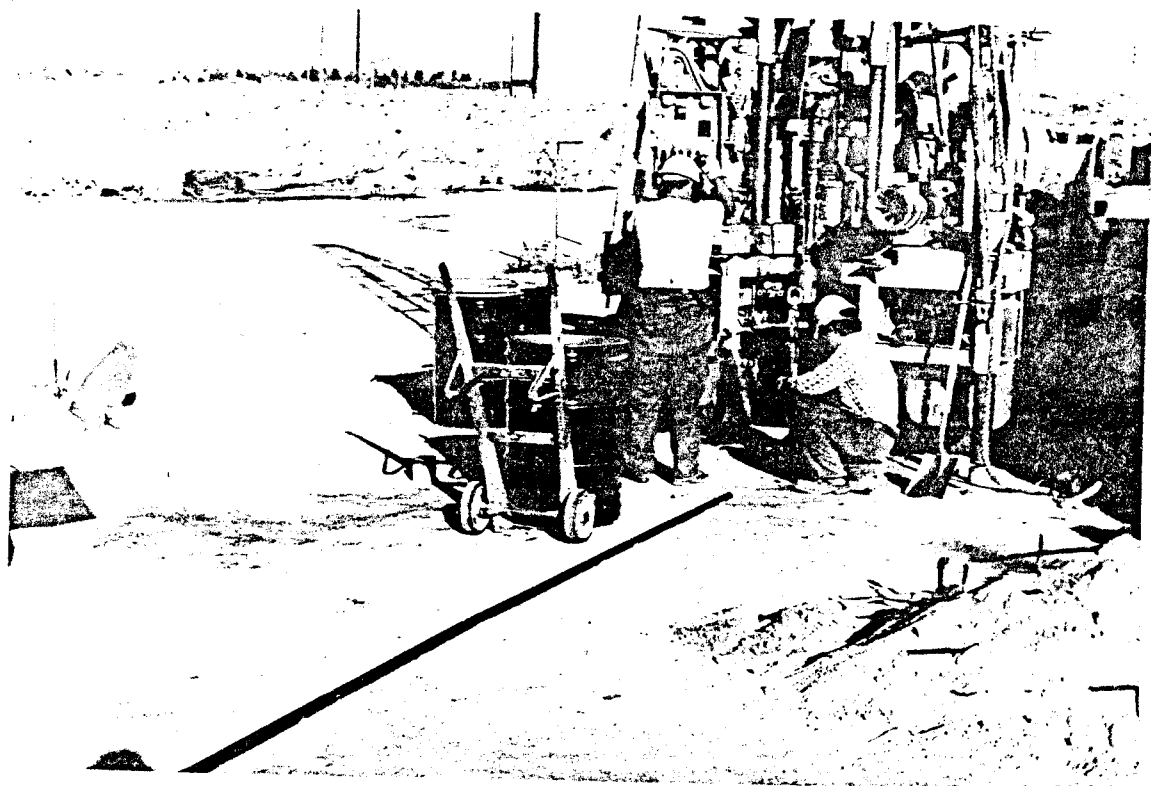
RECEIVING LABORATORY _____
Address _____
Attn: _____

_____ All Samples received intact.
_____ List samples missing or damaged

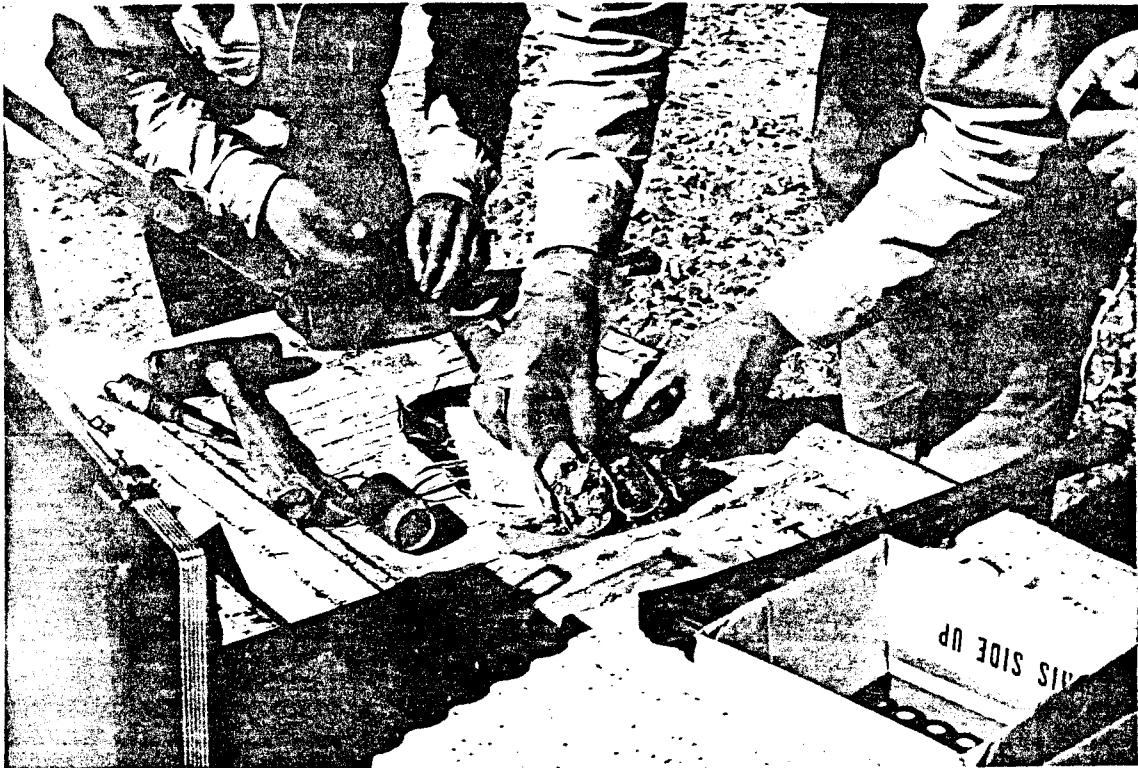
Date Received _____ Time _____

Accepted by _____

PICTURE 1



PICTURE 2



PICTURE 3



PICTURE 4

