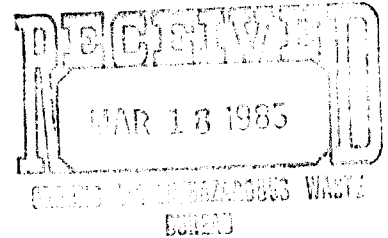


# PNM

**PUBLIC SERVICE COMPANY OF NEW MEXICO**

ALVARADO SQUARE ALBUQUERQUE, NEW MEXICO 87158

March 13, 1985



Ms. Maxine Good, Program Manager  
Groundwater/Hazardous  
Waste Bureau  
New Mexico Environmental  
Improvement Division  
Post Office Box 968  
Santa Fe, NM 87503

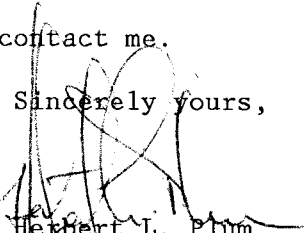
Dear Ms. Good:

Subject: Person Generating Station -  
Notice of Intent to  
Discharge

Enclosed is a Notice of Intent to Discharge for produced waters from  
groundwater monitoring work at Person Generating Station.

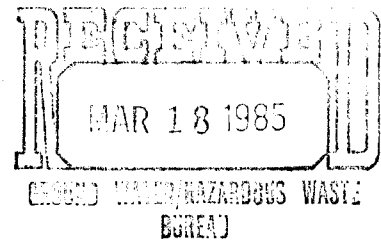
If you have any questions, please contact me.

Sincerely yours,

  
Herbert L. Plum  
Regulatory Coordinator

HLP:ydd  
Enclosure

NOTICE OF INTENT



1. Name and address of the person making the discharge.

Person Generating Station Mailing Address: Public Service Co. of NM
Public Service Co. of NM Alvarado Square
Rio Bravo & Broadway, SE Albuquerque, NM 87158-0248
Albuquerque, NM 87105 Telephone: 848-2216 (Jody Plum)

2. Location of the discharge (in Township, Range, and Section, 1/4, 1/4, 1/4, if available).

Schematic of plant site attached. Approximate location of discharge will be
Latitude 35° 01' 41" Longitude 106° 38' 35"

3. The means of discharge (to a lagoon, flowing stream, water course, arroyo, septic tank-leach field, other--specify). Discharge will be to an arroyo on the north property

boundary which flows to the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA) south diversion channel.

4. The estimated concentration of contaminants in the discharge. See attached laboratory analysis.

5. The type of operation from which the discharge is derived. Groundwater pump testing of 8 monitor wells, estimated total volume = 6,000 gallons. These produced waters are being held in steel tankage prior to discharge.

6. The estimated flow to be discharged per day. 6,000 gallons/one day only discharged from holding tank.

7. The estimated depth to groundwater (if available). 80 feet near arroyo

Signed:

[Handwritten signature]

Date: March 13, 1985



PAGE 1

CEP, Inc.

REPORT

LAB # 85-01-491

RECEIVED: 01/31/85

02/22/85 13:15:31

REPORT Public Service Co. of NM  
TO Alvarado Square  
Albuquerque, NM 87103

PREPARED Controls for Environmental  
BY Pollution, Inc.  
1925 Rosina Street  
Santa Fe, NM 87502

ATTEN Kent Kantz

ATTEN  
PHONE (505) 982-9841

CERTIFIED BY

CONTACT GAIL

CLIENT PNM SAMPLES 1  
COMPANY Public Service Co. of NM  
FACILITY

WORK ID Water Quality  
TAKEN 01/30/85  
TRANS UPS  
TYPE Water  
P.O. #  
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 Pump Test Tank

CEP, Inc. TEST CODES and NAMES used on this report

AG 1	Silver	NA 1	Sodium
AL 1	Aluminum	NI 1	Nickel
AS 1	Arsenic	NO3 1	Nitrate, Nitrogen (as N)
BA 1	Barium	PB 1	Lead
B 1	Boron	PHEN 1	Phenol
CA 1	Calcium	PH 1	pH
CD 1	Cadmium	RA226W	Radium-226
CL 1	Chloride	RA228W	Radium-228
CN 1	Cyanide	SE 1	Selenium
CO 1	Cobalt	S04 W	Sulfate
CR 1	Chromium	TDS 1	Total Dissolved Solids
CU 1	Copper	ZN 1	Zinc
FE 1	Iron		
FU 1	Total Uranium		
F 1	Fluoride		
HCO3 W	Bicarbonate (as CaCO3)		
HG T 1	Mercury (total)		
K 1	Potassium		
MG 1	Magnesium		
MN 1	Manganese		
MO 1	Molybdenum		



REPORT OF ANALYSIS

LAB # 85-01-491,

SAMPLE IDENTIFICATION

Pump Test Tank  
Pump Test Tank  
Pump Test Tank

DATE COLLECTED

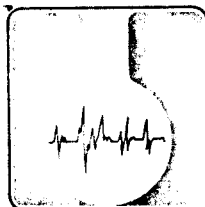
01/30/85  
01/30/85  
01/30/85

TYPE OF ANALYSIS

Phenols  
Mercury (total)  
Boron  
Chloride  
Fluoride  
Bicarbonate (as CaCO3)  
pH  
Sulfate  
Solids, Total Dissolved  
Cyanide  
Nitrogen, Nitrate (as N)  
Silver  
Aluminum  
Arsenic  
Barium  
Calcium  
Cadmium  
Cobalt  
Chromium  
Copper  
Iron  
Total Uranium  
Potassium  
Magnesium  
Manganese  
Molybdenum  
Sodium  
Nickel  
Lead  
Radium-226  
Radium-228  
Selenium  
Zinc

mg/liter

<0.001  
<0.0004  
0.2  
61  
0.61  
80  
7.82 (units)  
90  
385  
<0.1  
1.3  
<0.01  
<0.1  
<0.01  
<0.1  
27  
<0.001  
<0.01  
0.02  
<0.001  
<0.01  
0.008  
9  
7  
<0.01  
<0.01  
70  
<0.1  
<0.01  
<0.6 (pCi/liter)  
<1 (pCi/liter)  
<0.01  
<0.1



# ASSAIGAI ANALYTICAL LABORATORIES

TO: PNM  
Attn; Kent Kantz  
Alvarado Square  
Albuquerque, NM 87158

DATE: 25 February 1985  
0099, 0108, 0114 revised

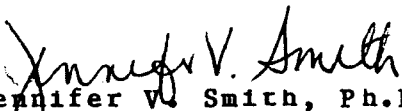
SAMPLE ID: Pump Station Tank

ANALYTE	ANALYTICAL RESULTS	NOMINAL DETECTION LIMIT
Benzene	<0.1 ug/l	0.1 ug/l
Toluene	<0.1 ug/l	0.1 ug/l
Tetrachloroethylene	<0.1 ug/l	0.1 ug/l
1,1,1-Trichloroethane	<0.1 ug/l	0.1 ug/l
1,1-Dichloroethylene	<0.1 ug/l	0.1 ug/l
Carbon Tetrachloride	<0.1 ug/l	0.1 ug/l
1,2-Dichloroethylene	<0.1 ug/l	0.1 ug/l
PCB	<1.0 ug/l	1.0 ug/l

REFERENCES: 1. "Organic Analysis Using Gas Chromatography/Mass Spectrometry",  
Budde & Eichelberger, Ann Arbor Science, 1979.  
2. EPA Method 608

An invoice for services is enclosed. Thank you for contacting Assaigai  
Laboratories.

Sincerely,

  
Jennifer V. Smith, Ph.D.  
Laboratory Director