

Public Service Company
of New Mexico
2401 Aztec, NE
Albuquerque, NM 87107
Fax 505 855-6320

NM ENVIRONMENT DEPARTMENT
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June 19, 2003

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DISTRICT 1 OFFICE

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Mr. Robert Warder, P.E.
New Mexico Environment Department
Hazardous Waste Bureau
4131 Montgomery NE
Albuquerque, NM 87109

**RE: 2002 Groundwater Monitoring Data Annual Report, Supplemental
Information - Public Service Company of New Mexico Person Generating
Station, NMT 360010342**

Dear Mr. Warder:

Public Service Company of New Mexico (PNM) has received your letter dated June 6, 2003, requesting supplemental information on the 2002 groundwater monitoring data annual report for the Person Generating Station.

As noted in your letter, extraction wells PSMW-16 and PSMW-24 were plugged, abandoned, and replaced in 2001. New extraction wells EW-4 and EW-5 were installed to replace PSMW-16 and PSMW-24, respectively. EW-4 is located approximately 25 feet northwest of old PSMW-16 and EW-5 is located approximately 25 feet south of old PSMW-24.

PSMW-16 and PSMW-24 were originally installed as monitoring wells. These two wells were converted to extraction wells in the mid-1990s. As part of the monitoring well installation activities, pump tests were conducted on select monitor wells. Hydrogeologic parameters such as hydraulic conductivity and groundwater gradient were determined. Groundwater flow rates were then calculated based on these data.

The groundwater flow rate data referenced in Table 6 of Volume 1 of the 2002 annual data report are based on current groundwater gradient measurements and hydraulic conductivities calculated from past pump test data. The hydraulic conductivity values listed in Table 6 were taken from Table 3.2.3.2.B of the CAD Assessment Summary Report (July 1993).

In general, the local hydraulic conductivity should remain relatively constant over time. However, the groundwater gradient may change over time (as it has in the Person Generating Station vicinity) and, as a result, the calculated groundwater flow rate will change. Although PSMW-16 and PSMW-24 are no longer in service, the hydraulic conductivity values are still valid for this soil type and associated hydrogeologic

conditions. Consequently, the groundwater flow rates shown in Table 6 for PSMW-16 and PSMW-24 could still be expected to occur in the general area around these wells.

Therefore, the Table 6 data not only shows groundwater flow rates at these specific wells, but also indicates a range of possible flow rates within the groundwater in and around the Person Generating Station area. However, if you prefer, references to PSMW-16 and PSMW-24 can be removed from future reports.

Please contact me at (505) 855-6392, if you need additional information.

Sincerely,

A handwritten signature in cursive script that reads "John Hale".

John Hale, P.E.

Technical Project Manager