

Public Service Company  
of New Mexico  
2401 Aztec NE  
MS Z160  
Albuquerque, NM 87107



May 6, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Robert Warder  
New Mexico Environment Department  
Hazardous Waste Bureau  
Permits Management Program  
4131 Montgomery NE  
Albuquerque, NM 87109



**RE: Person Generating Station (NMT 360010342) - Request for Supplemental Information**

Dear Mr. Warder:

Public Service Company of New Mexico (PNM) is providing the following information in response to your letter dated April 24, 2002, requesting supplemental information on the Person Generating Station 2001 annual report.

1. Volume I, Page 21 -- Calculated groundwater flow rates for PSMW-16 and PSMW-24

In calculating the groundwater flow rates for PSMW-16 and PSMW-24, a range of hydraulic conductivity (K) values were used. These K values were calculated from data collected during pump tests of PSMW-16 and PSMW-24, conducted shortly after the wells were completed in 1992. PNM has not attempted to calculate new K values for the soils in which EW-4 (PSMW-24 replacement) and EW-5 (PSMW-16 replacement) are completed in since these wells are relatively close to PSMW-16 and PSMW-24, and are most likely completed in the same soil types.

Table 6 is intended to indicate only general groundwater flow rates using K values calculated from past pump tests conducted on select wells. Consequently, even though PSMW-16 and PSMW-24 have been plugged and abandoned, the K values are still valid in calculating local groundwater flow rates.

2. Volume II -- Water level in EW-1

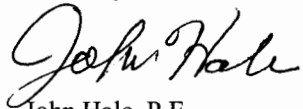
A water level measurement was not obtained at EW-1 because the water level has dropped to below the bottom of the sounding tube. The sounding tube is a small diameter polyethylene tube that is permanently installed inside of the well casing. The water level measurement probe is lowered down the sounding tube to prevent the probe from becoming tangled in the water discharge tube, electrical conduit, or pump support cable.

On EW-1 (and other Person Generating Station wells), the pump is set near the bottom of the well. The sounding tube terminates above the pump. However, if the water level drops to below the pump, the water level probe will not come into contact with the water. The pump will still function normally (i.e., pump groundwater), but a water level can only be obtained if the entire pump assembly is removed.

In the vicinity of Person Generating Station, groundwater levels have been dropping approximately 1 foot per year. At this rate, some of the older monitoring wells and extraction wells will soon become hydrologically stranded. Older extraction wells such as VEW and EW-1 are more likely to become hydrologically stranded sooner due the vertical draw down of the locally declining water table when the well is actively pumping.

If you have any questions or require additional information, please contact me at (505) 855-6392.

Sincerely,

A handwritten signature in cursive script that reads "John Hale". The signature is written in black ink and is positioned above the printed name.

John Hale, P.E.

Technical Project Manager