

HYD-12 Response

HYD-12 Information Needs:

Please make available for reference and demonstration hydrographs constructed showing groundwater levels in wells screened.

Action:

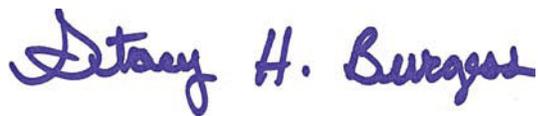
Groundwater elevation data from December 2006 to May 2008 will be provided in the hydrogeology package. An explanation of the data will be included with the information.

Response:

Groundwater elevation measurements included in the ER were collected during well gauging activities from November of 2006 to November 2007 (13 months) and are presented in ER Table 2.3-30. November 2006 groundwater levels were determined to be anomalous, because groundwater gauging data showed evidence of non-equilibrium conditions in the majority of the groundwater monitoring wells. The circumstance was apparently due to insufficient time for groundwater equilibration after well development.

As a result of the very slow groundwater recharge observed in many of the wells and to ensure reliable groundwater elevation measurement data across the Unit 3 and 4 site, groundwater elevation measurements were extended to 18 months. The additional monthly groundwater elevation measurements from December 2007 through May 2008 included in this response were not necessary to support the ER.

The attached CPNPP Water Level Chart includes 18 months of groundwater elevation measurements collected from November 2006 to May 2008 for the 47 groundwater monitoring wells located in the CPNPP Units 3 and 4 area.



4/22/09

Signature

Date