

**RESPONSE TO NRC EMAIL 3/19/2008, QUESTION 4A and TELEPHONE CALL
ON 6/10/2008**

WORK PLAN FOR WELL 986 URANIUM EVALUATION

Introduction

A sample was collected in May of 2006 from San Andres well 986 that contained a slightly elevated uranium concentration of 0.05 mg/l. It is likely that this higher uranium concentration is due to drainage from the alluvial aquifer in the annulus of well 986. To evaluate the potential cause of the higher uranium concentrations, three or four samples are proposed to be collected from well 986. Three additional San Andres wells in this area are also proposed to be sampled.

Proposed Pumping and Sampling

Well 986 is proposed to be pumped continuously, if allowed by the owner for a minimum of 24 hours, but preferably for 2 days. A water level will be measured prior to start of pumping if feasible. A transducer to measure water levels prior, during and after the 986 test is proposed to be installed in San Andres well 806 which does not contain a pump and is located in the northwest corner of Murray Acres. The initial sample would be collected roughly 15 minutes after the start of pumping. A second sample is proposed to be collected after 2 hours of continuous pumping. A third and fourth sample are proposed to be collected from well 986 after one and two days of continuous pumping respectively. Samples from three additional San Andres wells in this area are also proposed to be collected. San Andres wells 955, 987 and 991, which are west, north and south of well 986, are proposed to be sampled, prior to the 986 test if feasible, after pumping these wells for at least 40 minutes. Alluvial well 993 which is near well 986 will be sampled during the 986 test.

Data Analysis

The new and historical data for the San Andres wells will be tabulated and evaluated. A change in concentrations in well 986 with pumping time will be discussed. An analysis of the potential impacts to the San Andres aquifer will be developed if it is concluded that the elevated uranium is from the alluvial aquifer drainage to the San Andres in the annulus of well 986. A cross section of the aquifers in the area will be presented in the report.