Battelle
Pacific Northwest Laboratories

Project Number_____

Internal Distribution
PE Bramson
PA Eddy
FILE
LB

Date June 10, 1983

To File

From LS Prater Leigh

Subject Use of Water from Well 699-S6-E4A

On June 8, Kathy Moss of Rockwell called and asked for information on the cluster of wells designated 699-S6-E4. Rockwell had made plans to stabilize the burial ground near the wells and had intended to use well water (from 699-S6-E4A) for irrigation and dust control. Kathy was concerned about the concentration of uranium in the ground water that would be drawn from the well. At her request, we looked up the analytical data for the wells in that area. In wells S6-E4B and S6-E4D (which are the only ones tested), uranium concentrations have been below the detection limit (~6.9 pCi/ℓ) since 1978. Therefore, we told Kathy that we do not see any problem with using the water for the intended purpose. We also suggested that an alternative would be to use river water, which is already being pumped to the nearby gravel pit.

Scott Wilbur of Rockwell is investigating this matter further at Kathy's request. In response to a call from him on June 10, I have sent the analytical data for the wells. Scott indicated that he will keep us informed.

LSP:gd