

40-8783/RFB/85/06/12/2

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JUN 27 1985

URFO:RFB

Docket No. 40-8733

04008783330F

MEMORANDUM FOR: Docket File No. 40-8783

FROM: Randall F. Brich, Project Manager
 Licensing Branch 1
 Uranium Recovery Field Office, Region IV

SUBJECT: REVIEW OF WATER WELL DRAWDOWN IMPACTS ON MONITOR
 WELL WATER QUALITY - URANERZ RUTH R&D ISL

Background

By letter dated May 14, 1985, Uranerz U.S.A., Inc. (UUS) submitted monitor well water quality analyses of samples collected on April 19, 1985, and analyzed on April 29, 1985, for Wells 1-M-20 and 4-M-20, pursuant to my telephone request of April 18, 1985. On April 2, 1985, UUS submitted a memo which notified NRC of oil well drilling activities which included a water well near the Ruth site. UUS implied that the potential for impact existed since the water well had been completed in a zone which included the Ruth wellfield production aquifer. The April 2 memo stated that water well pumping commenced on March 22, 1985, and would continue for about 40 days for a total volume of 1,548,000 gallons. The pumping rates dropped the UUS production aquifer water levels approximately 9.5 feet as of March 29.

Discussion

Although the production aquifer water levels dropped 9.5 feet, no discernible impact on the water quality in the monitor wells 1-M-20 and 4-M-20 could be quantified based on a review of the excursion parameter data points for these wells.

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Conclusion

Based on my review of the data, no noticeable impact on the water quality of the Ruth ISL monitor wells 1-M-20 and 4-M-20 occurred. Therefore, no further action is warranted.

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Randall F. Brich, Project Manager
Licensing Branch 1
Uranium Recovery Field Office
Region IV

Original Signed By
Edward F. Hawkins

Approved by:

Edward F. Hawkins, Chief
Licensing Branch 1
Uranium Recovery Field Office, Region IV

Case Closed: 04008783330E

OFC	URFO	URFO					
NAME	RBrich/lv	EHawkins					
DATE	85/06/25	6/27/85					