

Docket File 40-8783  
 PDR/DCS  
 DBangart, RIV  
 RBrich  
 WDEQ  
 JHaes, RCPD, WY  
 URFO r/f

40-8783/RFB/85/08/20/0

- 1 -

AUG 20 1985

URFO:RFB  
 Docket No. 40-8783  
 04008783301E

MEMORANDUM FOR: Docket File No. 40-8783

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

SUBJECT: PREPARATION FOR AUGUST 20, 1985 MEETING WITH  
 URANERZ, WDEQ/WQD/LQD AND NRC

Background

WDEQ/LQD stated in the Finley memo dated April 1, 1985, that (1) the wellfield had been restored enough to allow confirmation sampling, and (2) baseline for the wellfield was quantified. Mr. Lennox of WDEQ/WQD concurred with Finley's baseline determination by memo dated May 1, 1985. At the request of WDEQ during the December 7, 1984 meeting, Uranerz agreed to extend the stabilization period from six (6) to twelve (12) months.

Uranerz submitted stabilization data for the period January-July 1985 by letter dated August 9, 1985, and requested NRC staff review of the stabilization data prior to the August 20 meeting.

As proposed by Uranerz, the purpose of the August 20 meeting is to discuss the following:

1. Results of confirmation assay data review through July 1985.
2. Status of stabilization and further requirements for sign off, if any.
3. Discussion on sampling procedures.

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	:	:	PDR	ADOCK	04008783	:	:
ME	:	:	C	PDR		:	:
TE	:	:	:	:	:	:	:

AUG 20 1985

4. Project status and current timing of licensing the commercial operation.

Representing WDEQ/LQD are:

Roger Shaffer  
Richard Chancellor  
Glen Mooney  
Kathy Ogle  
Jim Finley

WDEQ/WQD:

Richard Lennox  
Tony Mancini

State Engineer's Office:

(to be determined)

Uranerz:

George Hartman  
Gary Sommerville  
Dr. Chris Schmidt

NRC:

E. F. Hawkins  
R. F. Brich  
P. R. Hildenbrand

Based on an average of seven (7) samples (January-July 1985) it appears that the following parameters exceed the baseline values:

FC	:	:	:	:	:	:	:
AME	:	:	:	:	:	:	:
ATE : 85/08/20	:	:	:	:	:	:	:

AUG 20 1985

Parameter	20-Sand Aquifer Average (11 wells)	Baseline	
		UUS	State
Temp (°C)	18.94	12.63	13.5
pH (field)	6.33	8.53	8.5
pH (lab)	7.44	8.13	8.1
Calcium	20.71	8.00	7.0
Sulfate	147.0	102.00	101.0
Chloride	7.83	6.0	6.0
Total Hardness	59.0	26.0	26.0
Arsenic	0.02	0.011	+
Iron	1.73	0.07	+
Manganese	0.35	0.013	+
Uranium (U <sub>3</sub> O <sub>8</sub> )	0.103	0.017	+

Conclusions

Based on review of the pertinent data, it appears that stabilization of the wellfield has not been successfully demonstrated. I recommend that we notify WDEQ and Uranerz of our opinion.

/s/

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

FC	:URFO	RFB	:URFO	RA	:	:	:	:
AME	:RBrich/lv	:	EHawkins	:	:	:	:	:
ATE	:85/08/20	:	8/20/85	:	:	:	:	: