

Docket File 40-8786
 LFMB/DCS/PDR
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 SWastler
 WDEQ (2)
 JHaes, RCPD, WY
 URFO r/f

40-8786/SLW/85/05/23/0

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JUN 17 1985

URFO:SLW
 Docket No. 40-8786
 SUA-1400, Amendment No. 9
 04008786370E

Uranium Resources, Inc.
 735 Promenade Bank Tower
 Richardson, Texas 75080

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your submittal dated May 14, 1985, Source Material License SUA-1400 is hereby amended to modify License Condition Nos. 31 and 33 to read as follows:

31. The licensee shall conduct ground-water sweep in accordance with their May 14, 1985 submittal with the following modifications:
 - a. Ground-water sweep will not be discontinued until the water quality parameters have leveled off and stabilized and/or the NRC has approved discontinuation of pumping.
 - b. The injection wells, I-1 through I-4, will be pumped, rather than P-1, during ground-water sweep. Well P-1 will not be pumped or monitored during ground-water sweep.
 - c. If at all possible, the four injection wells shall be pumped at one time during ground-water sweep, but no less than two on opposite sides of the wellfield shall be pumped.
 - d. Prior to taking initial samples from I-1 through I-4, these wells will be pumped until pH and conductivity have stabilized. Initial samples will then be taken and analyzed for the list of parameters in the May 14, 1985 letter, modified to include chloride, carbonate, mercury, nitrate, potassium and selenium.

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- e. After initial sampling, wells I-1 through I-4 should be sampled at a minimum of twice daily for conductivity, ph, alkalinity and U_3O_8 .
- f. Wells I-1 through I-4 should be sampled weekly and analyzed for the full suite of parameters as described in d. above.
- g. Initial water level measurements should be taken on all injection and monitoring wells and taken daily in the monitoring wells thereafter.
- h. Monitor well MW-4 should be sampled and analyzed for Ra-226, Cl, Sulfate, CO_3 and HCO_3 weekly during ground-water sweep.
- i. The ground-water sweep program shall not be implemented until the NRC is on site.

33. The licensee shall complete the cleaning of MW-4 in an attempt to reduce the Ra-226 values prior to implementing the ground-water sweep plan described in License Condition 31.

All other license conditions remain the same

The effect of this amendment is to approve the ground-water sweep plan as modified above and to assure that monitor well MW-4 is cleaned prior to ground-water sweep. The above modifications to URI's ground-water sweep plan have been discussed and agreed to by Mr. Mark S. Pelizza of your staff.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/
R. Dale Smith, Director
Uranium Recovery Field Office
Region IV

Case Closed: 04008786370E

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NAME	Swastler/lv	EHawkins	RDSmith			
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