

40-8786/KBW/82/05/04/0

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WMUR:KBW
Docket No. 40-8786
SUA-1400, Amendment No. 3

Uranium Resources, Inc.
ATTN: Mr. Mark S. Pelizza
Environmental Manager
735 Promenade Bank Tower
Richardson, Texas 75080

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, Source Material License No. SUA-1400 is hereby amended by modification of License Condition Nos. 33 and 40 to read as follows:

- 33. The licensee shall perform monthly surveys for natural uranium in the restricted area with the exception that they shall be increased to weekly for any area meeting the requirements of an "airborne radioactivity area" as defined in 10 CFR Part 20.203(d), and an investigation of the cause of the high levels shall be made.

The licensee shall also perform monthly surveys for radon or radon progeny in the restricted area inhabited by workers with the exception that radon or radon progeny surveys shall be increased to weekly if the radon or radon progeny concentrations are found to exceed 8 pCi/l or 0.08 WL (Working Levels), respectively. Such weekly sampling shall be maintained until four (4) consecutive weekly samples exhibit less than 8 pCi/l or 0.08 WL.

The calculation of internal exposure to radon, radon progeny, or natural uranium shall be based on a Time Weighted Exposure (TWE) calculation incorporating a consideration of both occupancy times and average airborne Working Levels or activity concentrations. If occupancy times are established as an average for each category of worker, the licensee shall also, by means of a semiannual time study, determine the basis upon which average occupancy periods are established.

If any worker reaches or exceeds 25 percent of the maximum permissible exposure limits as specified in 10 CFR Part 20 based

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upon a calculated TWE for the week or the calendar quarter, dependent on the solubility of the material, the RST shall initiate an investigation of the employee's work record and exposure history to identify the source of the exposure. Necessary corrective measures shall be taken to ensure reduction of future exposures to as low as is reasonably achievable. Records shall be maintained of these investigations.

- 40. The licensee shall maintain a general emergency action plan establishing authorities and procedures to be followed for a variety of potential accidents likely to occur.

All other conditions of this license shall remain the same.

The effects of this amendment are to: a) Delete the requirement for a submittal showing airborne monitoring locations for monitoring of U-nat and radon previously contained in License Condition No. 33. URI provided the requested information in submittals dated January 19, 1982 and February 18, 1982, and b) Require the licensee to maintain a general emergency action plan. URI provided a satisfactory plan in submittals dated February 8, 1982 and April 7, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

Ross A. Scarano
 Ross A. Scarano, Chief
 Uranium Recovery Licensing Branch
 Division of Waste Management

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