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40-3453

Uranium Reduction Company
P. O. Box 488
Moab, Utah

Attention: Mr. Roy F. Hollis, General Manager

Gentlemen:

Based upon information obtained by the Commission during inspection of your mill at Moab, Utah on February 24 and 25, 1959, it appears that it is being operated in violation of the Commission's regulation, "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations, and the terms and conditions of Source Material License No. R-161, in that your company has:

1. In violation of Section 20.201(b) failed to conduct adequate surveys in mill areas which are occupied by employees to determine the concentrations of airborne radioactivity.
2. In violation of Section 20.201(b) failed to determine the concentrations of radioactive material, including radium, discharged in liquid effluents in the course of licensed activities.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the regulations in Parts 2, 20 and 40, Title 10, Code of Federal Regulations, you are hereby ordered to submit no later than August 15, 1959 to the Commission in writing a full and complete statement of the steps which will be taken in order to bring the operation of your mill into compliance with the Commission's regulations.

The information you submit to us should include:

1. A detailed description of your survey program, including sampling procedures, frequency of

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surveys, and methods of analysis to demonstrate compliance with 10 CFR 20.

2. Where your survey data indicate the need for corrective action to achieve compliance with 10 CFR 20, the steps you will take to achieve such compliance including:
 - (a) additions or modifications to present facilities and equipment to reduce dust loadings in the air;
 - (b) action to clean up radioactive material on floors, equipment and other surfaces in areas of the mill in which employees are routinely working; and
 - (c) control measures which will be followed to assure that individuals are not exposed to airborne concentrations of radioactive material in excess of those specified in Section 20.101, 10 CFR 20. (Such measures may include the use of respiratory equipment and/or limitation on work periods in areas where airborne radioactivity exists and instructions to personnel.)
3. The surveys you have made to determine whether or not personnel monitoring is necessary, and personnel monitoring devices and procedures which will be used if such are necessary to comply with Section 20.202, "Personnel monitoring." Preliminary results from your film badge program, as noted during the most recent inspection, indicates that personnel monitoring may be required.
4. A time schedule which specifies the dates when each phase of the actions you propose to take to achieve compliance with 10 CFR 20 and license conditions will be completed.

You may request a formal hearing with respect to this order, or any part thereof, by filing a written request for hearing with the Office of the Secretary, United States Atomic Energy Commission, Washington 25, D. C., within fifteen days after the date of this order. Filing of a written request for hearing may also be accomplished in person either in the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., or the Office of the Secretary, Germantown, Maryland.

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Pursuant to Section 2.202(b) of the Commission's "Rules of Practice," 10 CFR 2, a timely filing of a request for formal hearing with respect to this order or any part thereof, shall stay the order, or such part of the order pending determination of the issues by the Commission.

FOR THE ATOMIC ENERGY COMMISSION

H. L. Price, Director
Division of Licensing and Regulation

Enclosures:

1. 10 CFR Part 2
2. 10 CFR Part 20
3. 10 CFR Part 40

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