

40-1668

OCT 4 1960

Lakeview Mining Company
P. O. Box 1231
Lakeview, Oregon

Attention: Mr. James F. Panlos, Manager

Gentlemen:

This refers to your request for renewal of your license No. R-231.

In order to continue the review of your renewal application, it is necessary that the following information be submitted:

1. A detailed description of your organization, including authority and responsibility of each level of management and/or supervision in regard to development, approval, and adherence to operating procedures.
2. The qualifications and experience of the personnel in your organization assigned the responsibility for developing, conducting and administering the radiation safety program for the mill.
3. A description of the area in which the mill is located including distances to inhabited areas, locations of rivers and sources of water supply for the mill. A topographical map with the above identifications is preferred.
4. A description of the method for restricting both the mill and the tailings pond from unauthorized entry.
5. The ultimate control or disposition of mill tailings, i.e. discharge into a pond, river, etc. A statement as to whether or not the tailings will ultimately reach a ground water supply; and if so, where the tailings enter such supplies in relation to points of utilization of the water and expected dilution factors.

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SURNAME ▶	PDR ADOCK 04001668				
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6. A description of the liquid effluent survey program (if plant effluents reach ground water suppliers), including the number, location and frequency of check samples and a step-by-step procedure for sample analysis of uranium and radium.
7. A description of the equipment used to remove solid radioactive material and soluble radium if tailings are discharged directly into a ground or surface water supply.
8. A flow diagram of the mill production operation and a diagram of plant layout, indicating areas and points in the process where dust is generated.
9. A description of ventilation and dust collection equipment that is utilized, including the type, capacity and locations of such equipment, e.g. ore transfer points, crushing, grinding, etc.
10. A description of the survey program which is followed to determine concentrations of airborne radioactivity within the mill, including the make, model number and capacity of sampling devices, and the step-by-step procedures for sample analysis.
11. In the description of your air sampling program, please include:
 - a. A description of the sampling location in respect to operating personnel;
 - b. A description of the sampling location in respect to the process operation; and
 - c. The approximate number of sampling locations in each area.
12. A description of the procedure followed in determining the average daily and weekly exposures to airborne radioactivity for each employee who frequently or occasionally occupies areas where air contamination exceeds MPC values specified in 10 CFR 23.

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13. If respirators are used as a temporary protective measure, a description of your program for using respiratory protective equipment including type, methods for assuring adequate mask-to-face seal, procedures for maintenance and cleaning, the areas of use, and management enforcement of the program.
14. A description of mill discharge stacks including stack heights and types of effluent to be discharged, method for controlling release of radioactive material, and methods for determining the concentration of radioactive material released to the environs.
15. A description of the method for determining exposure of employees to external radiation.

We note that during the inspection of your milling activities on May 28, 1959, by AEC inspectors, areas in which uranium is used or stored were not posted as specified in Section 20.203(e)(2) and containers in which uranium is used or stored were not labeled as required by Section 20.203(f)(2) of the AEC's "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations. In this regard, you may wish to make application for exemption to the posting and labeling requirements of Sections 20.203(e)(2) and (f)(2). Your request should include proposed procedures for posting all entrances to the mill with signs containing the symbol, coloring and wording specified in Section 20.203(e)(2), and the necessary wording to indicate that containers in restricted areas may contain radioactive materials.

Enclosed is a sample sign containing the coloring, wording and symbol which meets the requirements of Section 20.203(e) and (f). Signs more suitable for posting and labeling might be procured from a commercial sign company.

Sincerely yours,

bcc: Compliance Division, HQ
 Inspection Division, IOO
 Public Document Room
 OGC

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

Enclosures:

1. 10 CFR 20

2. Sign: "Caution - Radioactive Materials"

	DLR:RSB	DLR:LB	OGC	DLR	DLR
OFFICE	CGW:lrm:LRR	LJohnson		RLKirk	HLPrice
SURNAME	CGW	RBC	WLP	RLK	HLPrice
DATE	9-22-60	9/30/60	10-2-60	10/4/60	10/4/60

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 - a. A description of the sampling location in respect to operating personnel;
 - b. A description of the sampling location in respect to the process operation; and
 - c. The approximate number of sampling locations in each area.
12. A description of the procedure followed in determining the average daily and weekly exposures to airborne radioactivity for each employee who frequently or occasionally occupies areas where air contamination exceeds MPC values specified in 10 CFR 20.

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

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1. 10 CFR 20
2. Sign: "Caution - Radioactive Materials"