

LR:DFH

H. & P. Equipment Company, Inc.  
60 East 42nd Street  
New York 17, New York

JUN 7 1963

Attention: Mr. T. Galdan

Gentlemen:

This refers to your letter of May 27, 1963, concerning the possible transfer to you of certain equipment from the United Nuclear Uranium Mill at Grants, New Mexico.

Enclosed is a copy of the Commission's regulations 10 CFR 40 entitled, "Licensing of Source Material." This regulation establishes procedures and criteria for the issuance of licenses to receive title to, receive, possess, use, transfer, etc., source material.

In order for you to receive equipment contaminated with source material from the United Nuclear uranium mill without an appropriate AEC source material license authorizing such material, the following conditions should be met:

1. a. The maximum amount of fixed alpha radioactivity in disintegrations per minute per 100 square centimeters on buildings or equipment is 25,000 dpm;  
b. The average amount of fixed alpha radioactivity in disintegrations per minute per 100 square centimeters on these buildings and equipment is 5000 dpm;
2. The maximum amount of removable (capable of being removed by wiping the surface with a filter paper or soft absorbent paper) alpha radioactivity in disintegrations per minute per 100 square centimeters on buildings or equipment is 1000 dpm;

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3. a. The maximum radiation level at one centimeter from the most highly contaminated surface of a building or piece of equipment measured with an open-window beta-gamma survey meter through a tissue equivalent absorber of not more than 7 milligrams per square centimeter does not exceed one millirad per hour; and
- b. The average radiation level at one centimeter from the contaminated surface of the buildings or equipment measured in the same manner does not exceed 0.2 millirad per hour.

It must be assumed that equipment which may be contaminated and can not be adequately surveyed such as pumps, piping, etc., does not meet the above levels.

If the above conditions are not met it will be necessary, pursuant to 10 CFR 40, for you to obtain an appropriate AEC source material license in order to receive, transfer, possess, use, etc., the subject equipment.

We have informed United Nuclear Corporation of the above conditions for the transfer of buildings and equipment contaminated with source material. At such time United Nuclear Corporation informs the Commission that the above conditions have been met, approval may then be granted to United Nuclear Corporation to transfer the equipment.

Distribution:

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Br &amp; Div Rfs

Very truly yours,

Donald A. Nussbaumer, Chief  
Source and Special Nuclear Materials Branch  
Division of Licensing and Regulation

Enclosures:

1. 10 CFR 40
2. AEC-2