

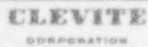
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# CLEVITE RESEARCH CENTER

DIVISION OF CLEVITE CORPORATION

540 EAST 105TH STREET

CLEVELAND 8, OHIO



24 April 1961

TELEPHONE: OLSTER 1-5800  
CABLE ADDRESS: CLESEARCH

Chief, Isotopes Branch  
Division of Licensing and Regulations  
Atomic Energy Commission  
Washington 25, D.C.

Gentlemen:

Condition 17 of our By Product License No. 34-653-2, Amendment 1, states; "The radiographic areas are to be kept under continuous surveillance during each exposure operation." Within the past several weeks it has been determined that insufficient exposure time is available during normal working hours to obtain satisfactory radiographs with our 500 millicurie source of Cobalt 60.

A survey of our quartz-growing area shows that the minimum safe distance from the autoclave rooms, with the 500 millicurie source in three different positions is 8 feet. A reading of 2 mr/hr was obtained at this distance. Enclosure 1.

The autoclave rooms are equipped with locking devices and locks to prevent unauthorized entry, likewise a rope barrier equipped with caution signs is placed at sufficient distances from the autoclave rooms to prevent employees from entering the area during the time of radiographic exposure.

In order that we may obtain satisfactory radiographs, request is made that Condition 17 be modified to allow the 500 millicurie source of Cobalt 60 to be used overnight as well as during normal working hours.

Very truly yours,

CLEVITE RESEARCH CENTER  
Division of Clevite Corporation

*J. E. Dawson*  
J. E. Dawson  
Safety Director

JED:man

Encl.

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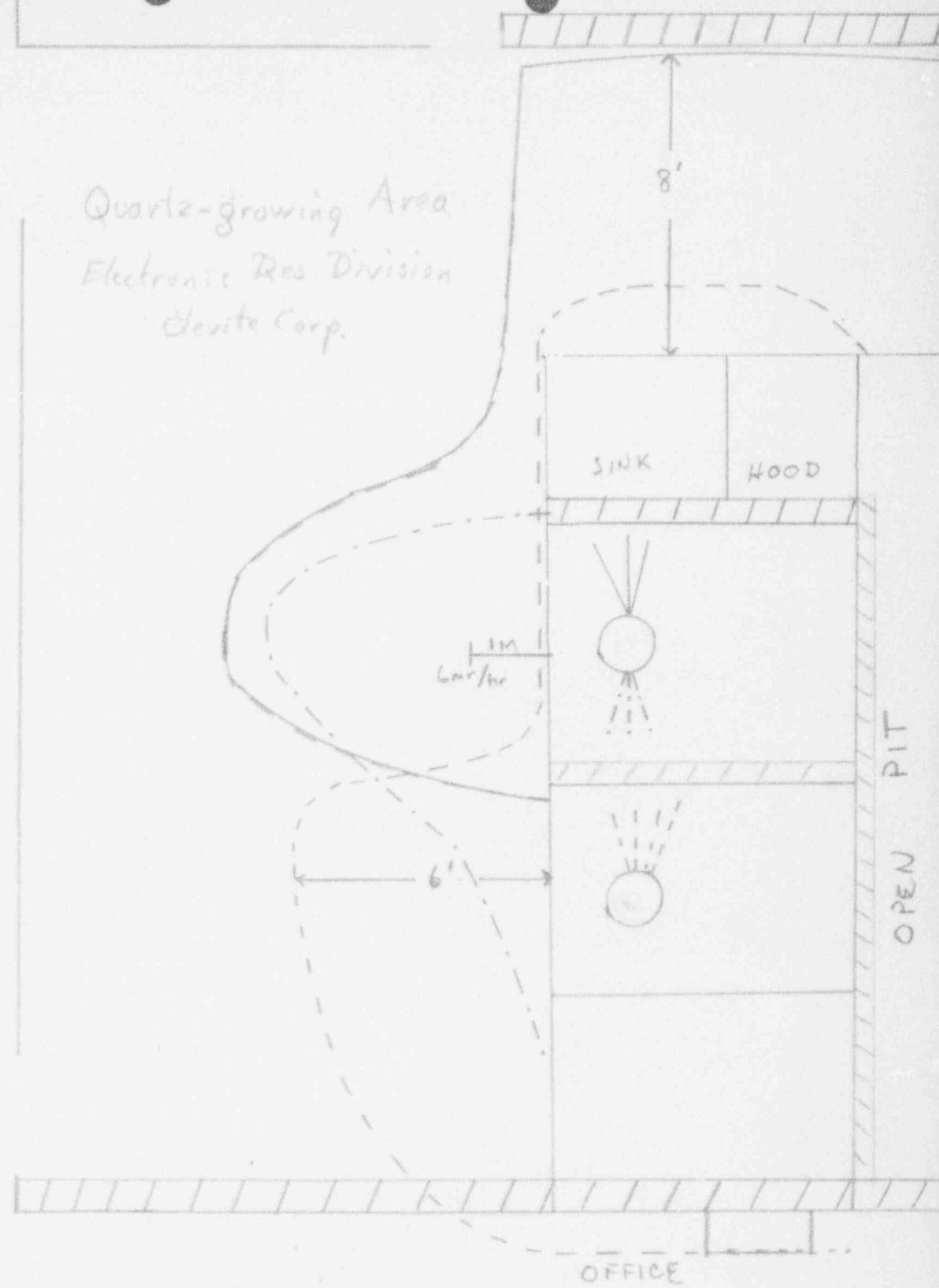
34110  
76-133  
NLK  
DUPLICATED  
FOR DIV. OF COMPLIANCE



Encl. 2.

Quartz-growing Area  
Electronic Res. Division  
Clevite Corp.

aisle



Lines indicate minimum safe distance with the 500 mc source in the three positions. The Lines indicate a reading of 2mr/hr.

 Cinder block wall

34110

