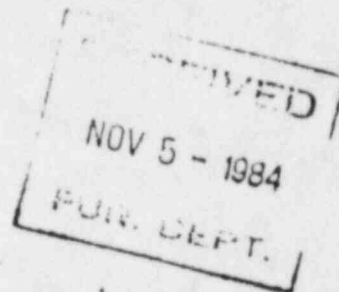


UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137



NOV 1 1984

Lehigh Portland Cement Company  
ATTN: John Mark Jones  
Buyer  
718 Hamilton Mall  
P. O. Box 1882  
Allentown, PA 18105



To: Bob Wolf 66  
Mason City

Rec'd 12/1/84

M Jones

Re: LETTER DATED JULY 27, 1984 FOR RENEWAL OF NRC LICENSE NUMBER 14-18649-01,  
CONTROL NO. 77188

Gentlemen:

In order for us to complete our review, it will be necessary for you to respond to the following items:

1. Please submit the duties, and responsibilities of your Radiation Protection Officer. Duties should include those items outlined in Item 7 of the enclosed guide.
2. Please specify the model number of the leak test kit and the supplier of the leak test kit.
3. Please submit a simple annotated sketch or drawing showing where each gauge is installed and the location of adjacent ladders, aisles, or work areas employees will occupy.
4. It appears that the gauges will be in an unfavorable environment. Describe your methods to ensure each gauge will be kept within the manufacturer's specified temperature and other environmental limits such that the shielding and shutter mechanism of the source holder is not compromised. *gages remain at ambient temperature*

It appears that the gauges will be mounted on vessels to which entry is possible for purposes of maintenance or repair. Submit a description of the precautions, restrictions, and "lock-out" procedures used to ensure that no personnel are exposed to the radiation beam during these operations. Describe your method to verify that the gauge has been successfully "locked-out". For example, checking the associated electronics to verify that the radiation beam has been terminated, as well as verifying that mechanical controls are secured (locked) in the "off/safe" position. *Close all the lock out gauge & check electronics & verify that the radiation beam has been terminated*

It is not clear if individuals will be working near the gauges. Describe how access to the gauges will be controlled (e.g., warning signs, barriers, fencing or cage around the gauge to prevent individuals from interposing a limb between the source and the vessel) and your to ensure no individual will receive a dose in excess of the regulatory limits.

*ry + 3 gauges located outside accessible work area*

8505080324 850424  
REG3 LIC30  
14-18649-01  
PDR

7. It is not clear from item 15.A., "Control Measures" who will be removing the source holder(s). If the manufacturer will be removing or relocating the source holder(s), please state so. If you plan to move the source holder(s) please submit the information in Section VII, "Servicing Operation," in the enclosed guide.

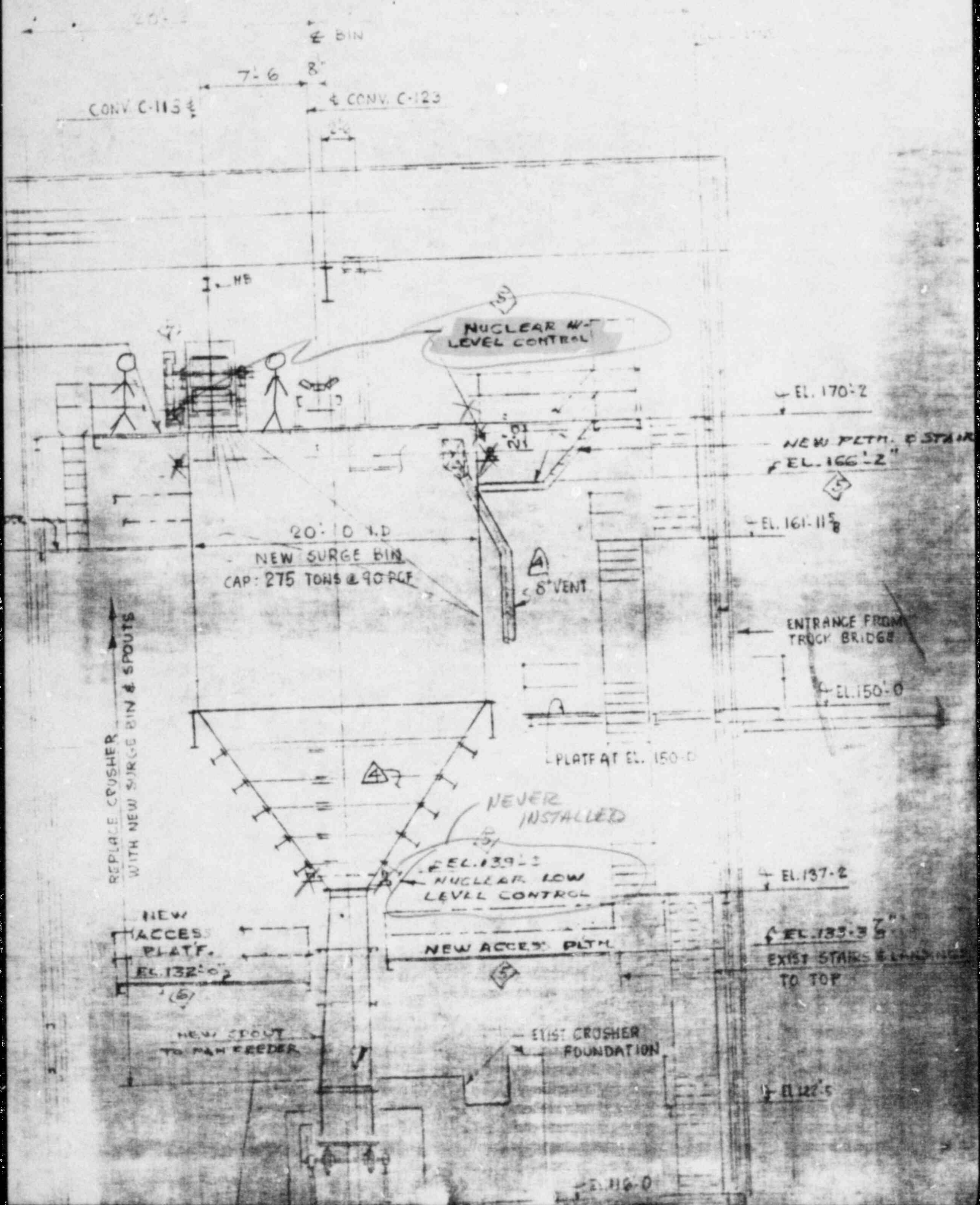
We will continue our review of your application upon receipt of this information. Please reply in duplicate within 30 days, and refer to Control No. 77198.

Sincerely,

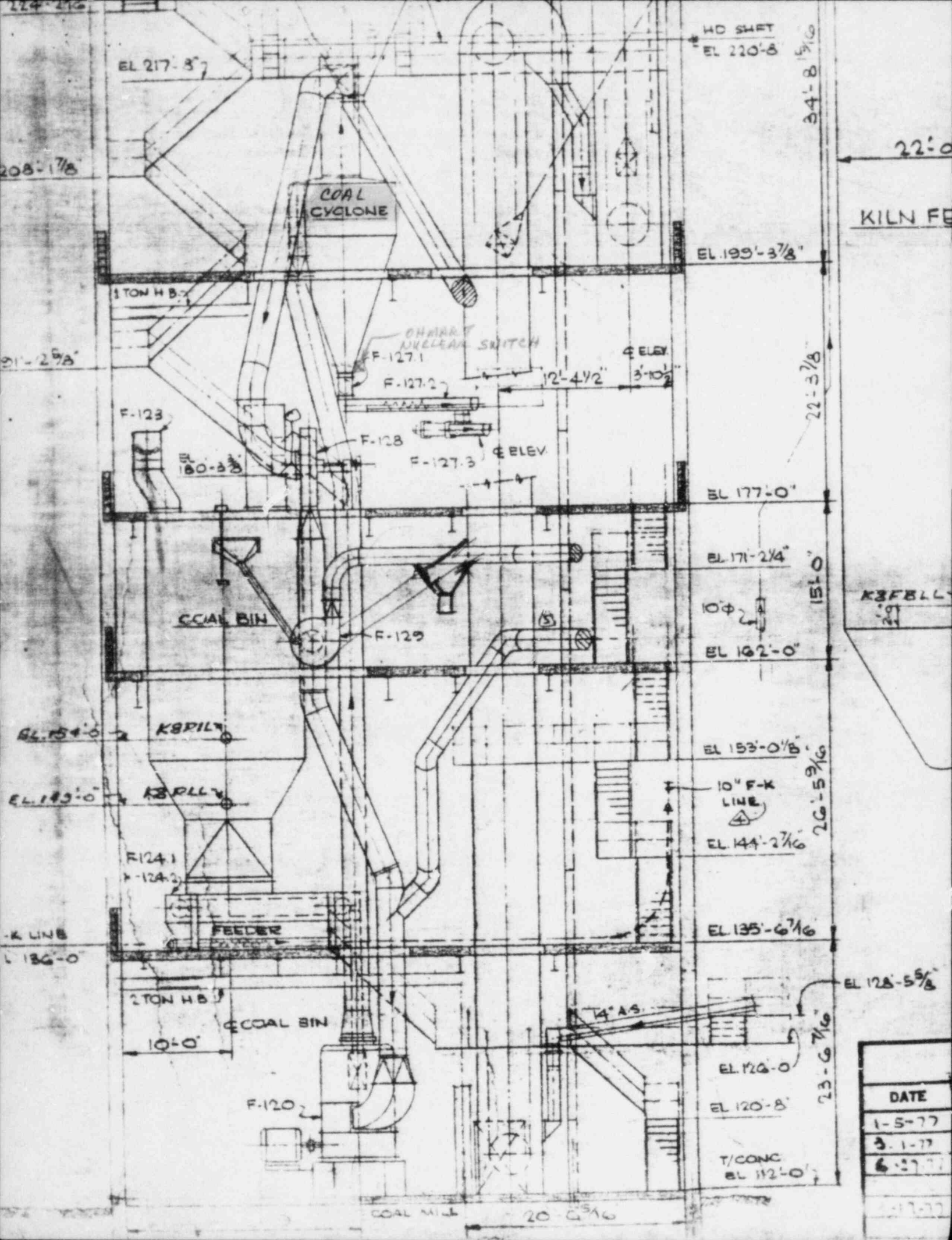


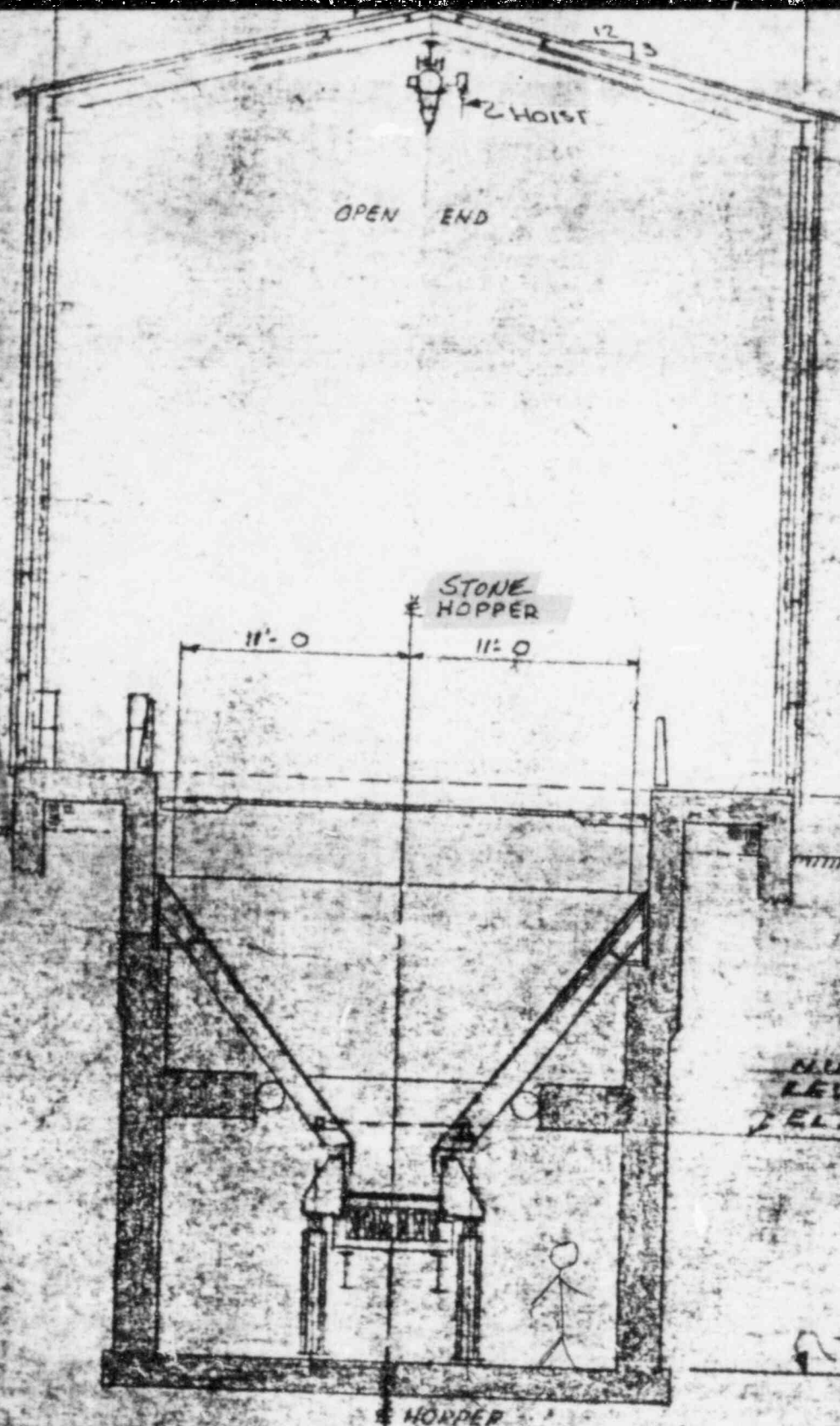
William P. Reichhold  
Materials Licensing Section

Enclosure: Guide for Non-Portable  
Gauges









ELEVATION CC

FOR ORIENTATION SEE PLOT PLAN DWG. CGG-101

NOV 1 1984

Lehigh Portland Cement Company  
ATTN: John Mark Jones  
Buyer  
718 Hamilton Mall  
P. O. Box 1882  
Allentown, PA 18105

Re: LETTER DATED JULY 27, 1984 FOR RENEWAL OF NRC LICENSE NUMBER 14-18649-01,  
CONTROL NO. 77188

Gentlemen:

In order for us to complete our review, it will be necessary for you to respond to the following items:

1. Please submit the duties, and responsibilities of your Radiation Protection Officer. Duties should include those items outlined in Item 7 of the enclosed guide.
2. Please specify the model number of the leak test kit and the supplier of the leak test kit.
3. Please submit a simple annotated sketch or drawing showing where each gauge is installed and the location of adjacent ladders, aisles, or work areas employees will occupy.
4. It appears that the gauges will be in an unfavorable environment. Describe your methods to ensure each gauge will be kept within the manufacturer's specified temperature and other environmental limits such that the shielding and shutter mechanism of the source holder is not compromised.
5. It appears that the gauges will be mounted on vessels to which entry is possible for purposes of maintenance or repair. Submit a description of the precautions, restrictions, and "lock-out" procedures used to ensure that no personnel are exposed to the radiation beam during these operations. Describe your method to verify that the gauge has been successfully "locked-out". For example, checking the associated electronics to verify that the radiation beam has been terminated, as well as verifying that mechanical controls are secured (locked) in the "off/safe" position.
6. It is not clear if individuals will be working near the gauges. Describe how access to the gauges will be controlled (e.g., warning signs, barriers, fencing or cage around the gauge to prevent individuals from interposing a limb between the source and the vessel) and your method to ensure no individual will receive a dose in excess of the regulatory limits.

~~8505080324~~

Package Dupe



7. It is not clear from item 15.A., "Control Measures" who will be removing the source holder(s). If the manufacturer will be removing or relocating the source holder(s), please state so. If you plan to move the source holder(s) please submit the information in Section VII, "Servicing Operation," in the enclosed guide.

We will continue our review of your application upon receipt of this information. Please reply in duplicate within 30 days, and refer to Control No. 77188.

Sincerely,

Original Signed  
William P. Reichhold  
Materials Licensing Section

Enclosure: Guide for Non-Portable  
Gauges

RIII

Reichhold/as  
10/22/84