



# The Harshaw Chemical Company

6801 COCHRAN ROAD  
SOLON, OHIO 44139  
Telephone: 216 • 248-7400

CRYSTAL & ELECTRONIC PRODUCTS DEPARTMENT

November 4, 1980

U.S. Nuclear Regulatory Commission  
Region III  
Office of Inspection and Enforcement  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Subject: License 34-06558-05, Leak Test Results

Gentlemen:

The following information is submitted in accordance with Paragraph 13E of Harshaw's License Number 34-06559-08.

During the October leak testing of radiation sources, a source was found to have more than 0.005 microcurie removable contamination:

Radioisotope: Cs-137  
Activity: 3.6 millicurie  
Form: Sealed Source  
Wipe Test Results: 0.019 microcurie

This source is not in general use. It is kept in Harshaw's radioactive source storage area referred to as the "Source Range".

Attached is a diagram of this source and its storage container. The container has been marked as having a contaminated source and wired shut. The exterior of the container has been wipe tested and shows no removable contamination. The source in its container has been placed in another container which has the following legend:

"This can contains radioactive sources. These particular sources are contaminated and/or ready for disposal. Under no circumstances are these sources to be removed from this container or this area without the express permission of the radiation safety officer."

81010909271

NOV 7 1980

U.S. Nuclear Regulatory Commission  
November 8, 1980  
Page 2

The source range facility is locked at all times. The key to this area is available through the RSO.

Steps shall be taken in the immediate future to either repair the source or dispose of it.

If you have any further questions regarding this matter, please contact me at 216-248-7400, extension 297.

Sincerely,

*Barbara M. Kapsar*

Barbara M. Kapsar  
Radiation Safety Officer

BMK/ms