

CENTRAL FILES

1-2-1-2
April 5, 1954

SHOT CLEANING FOR DECONTAMINATION OF DRUMS

NLO

J. J. Costa

R. C. Heatherton

OH 41-3

From information obtained in monitoring following cleaning of 55-gallon steel drums at the Queen City Barrel Company on March 29, it appears that this method would be very satisfactory from the standpoint of residual contamination. Although these drums had originally contained radium-bearing material, the radiation measurements following cleaning indicate essentially complete removal of the material to the extent that there would be no restrictions on the release of drums cleaned in this manner.

It is also my opinion following discussion with E. V. Barry, who witnessed the test on March 29, that if ventilation is included for the cleaning booth and there is a satisfactory method of separating the material from the shot, there would be no health hazards involved in normal operation of the equipment.

I would like to suggest that the procurement and installation of equipment for this cleaning operation be expedited as the most practical method of cleaning radium contaminated drums either for re-use or for scrapping.

R. C. HEATHERTON

R. C. Heatherton

RCH/ab

col D. J. Hlythe
J. A. Quigley, M.D.

IND. HYG. & RAD. DEPT. WORK REQUEST

Assigned To: E. V. Barry Date: 3/15/54 Project No.: 1-54-10

Job Description: Check on drum cleaning tests using shot blasting.

~~REMOVED~~ Follow-Up Date: (1) 3/19/54 (3) _____ (5) _____

~~REMOVED~~ (2) _____ (4) _____ (6) _____

Request By: R. C. Heatherton

