

PDR Advance by J.A. alk  
PRELIMINARY NOTIFICATION

August 4, 1976

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-76-138

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Peabody-Magnaflux Testing Company  
Oak Park, Michigan (License No. 12-622-7)

Subject: POSSIBLE PERSONNEL OVEREXPOSURE

IE:III (Chicago) was informed on August 3, 1976, by an ERDA-CH representative via phone of a report they had received of the subject event from an EPA office in Detroit. IE:III contacted the plant (Chrysler Glass, the customer plant where radiographic operations were being performed) where the event occurred and subsequently contacted the licensee, who confirmed that a sealed source tube and connector became disconnected during an operation at approximately 2 p.m. on August 3, 1976. The area was immediately secured by the radiographer, who stated no personnel other than the radiographer were in the area at the time of the incident. A licensee representative retrieved the source and placed it into the 100-curie Gamma Industries camera. The licensee representative stated that the individual who retrieved the source was wearing a 200-R dosimeter on his wrist, which indicated 9 R after completion of the retrieval operation. His whole body film badge was sent to the processor for immediate evaluation and his whole body dosimeter (200 mR) was off scale. Wipes of the source are being evaluated. The licensee has not made and indicated they do not plan to make a news release.

IE:III notified the State of Michigan Public Health Department on August 3, 1976.

The licensee conducted an evaluation of exposure to the individual involved in retrieval and informed IE:III via phone on August 4, 1976 that initial evaluations indicate the extremity exposure limits were not exceeded. IE:III is currently reviewing the licensee's measurements and calculations. The licensee's initial evaluation indicates a whole body exposure of 3.7 rem. Whole body film badge results will be provided IE:III as soon as they are available.

9  
1  
2  
0  
2

CONTINUED

132  
9806250086 760804  
PDR I&E  
PNO-76-138 PDR

IE:III received initial information concerning this event from ERDA-CH at 2:45 p.m. on August 3, 1976. IE:III was able to contact the licensee at approximately 3:45 p.m. on August 3, 1976. Licensee's initial evaluation results were received via phone by IE:III at 10:00 a.m. on August 4, 1976.

Contact: RFWarnick, IE x27261 GWRoy, IE x27261 DThompson, IE x27541

Distribution:

Chairman Rowden  
Commissioner Gilinsky  
Commissioner Kennedy

Commissioner Mason  
C. C. Kammerer, CA

S. J. Chilk, SECY  
G. F. Murphy, JCAE

L. V. Gossick, EDO  
B. C. Rusche, NRR  
K. R. Chapman, NMSS

E. Volgenau, OIE  
H. K. Shapar, ELD  
R. G. Ryan, OSP

J. A. Harris, PA  
T. J. McTiernan, AIA

Transmitted: PBldg 3<sup>07</sup><sub>p</sub>; H St 3<sup>20</sup><sub>p</sub>; MNBB mail; Luge mail;

PRELIMINARY NOTIFICATION