

UNITED STATES  
ATOMIC ENERGY COMMISSION  
CHICAGO OPERATIONS OFFICE  
9800 SOUTH CASS AVENUE  
ARGONNE, ILLINOIS 60439

TELEPHONE  
(312) 739-7711

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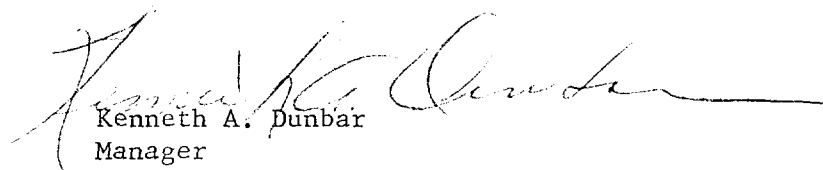
John R. Totter, Director, Division  
of Biology and Medicine, Headquarters

PATIENT OVEREXPOSURE AT ARGONNE CANCER RESEARCH HOSPITAL (ACRH)

On Tuesday May 12, 1970, a patient being treated at the ACRH was overexposed. The overexposure resulted from a malfunction of the indexing mechanism at the 50 Mev Linear Electron Accelerator. The tissue dose resulting from the exposure was estimated to be 750 to 800 Rads.

To date the patient has suffered only a mild skin reaction, which was expected. It is not expected that this exposure will adversely affect this patient's condition. The machine malfunction which caused the accident has been corrected.

Enclosed are two reports from the University of Chicago concerning this accident. If I can be of further assistance or if more information is needed, please contact me.

  
Kenneth A. Dunbar  
Manager

STS:WVT

Enclosures:  
As Stated Above

REPOSITORY DOE-FORRESTAL  
COLLECTION MARKEY FILES  
BOX No. 3 OF 4  
FOLDER ACCIDENT FILE #4

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