



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

PDR

NOV 17 1978

Dr. William T. Paynter
Indiana State Board of Health
1330 West Michigan Street
Indianapolis, IN 46206

Gentlemen:

Enclosed is a copy of a report on an investigation conducted by Messrs. G. A. Phillip and S. R. Lasuk of this office on September 12-14, 1978, of activities authorized by NRC License No. 13-02812-04 issued to Purdue University, West Lafayette, Indiana, and by NRC License No. 13-02752-03 issued to Indiana University-Purdue University at Indianapolis (IUPUI), Indianapolis, Indiana. The findings of this investigation were discussed with representatives of both licensees during a meeting on October 13, 1978, which was also attended by Mr. Jack Corpuz of your staff.

The investigation was conducted to evaluate the radiation exposure received by a former laboratory technician during his employment (1954-71) in the Physics Department of what was then known as the Indianapolis Extension of Purdue University, and consisted of an examination of pertinent records and procedures, personal observations and interviews with personnel. The investigation included consideration of the exposure the laboratory technician may have received from radium, which is not under the jurisdiction of the NRC, as well as the exposure he may have received from byproduct material. It was concluded that the total exposure the technician may have received from all radioactive sources during his employment did not exceed NRC regulatory limits.

The report contains information concerning the disposal of a radium-beryllium source by IUPUI. If the source had been byproduct material the failure to maintain a record of its disposal and to list it on the shipping invoice would have been in noncompliance with NRC regulations. This matter is brought to your attention for any action you may consider appropriate.

Also enclosed for your convenience is an Identification Key since names of individuals were not used in the report to avoid unnecessary possible embarrassment when the report is made available to the general public.

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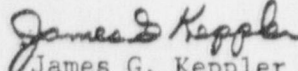
Dr. William T. Paynter

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We will gladly discuss any questions you have concerning this investigation.

Sincerely,


James G. Keppler
Director

Enclosures:

1. IE Investigation Reports
No. 030-00696/78-03
and No. 030-01609/78-01
2. Identification Key

cc w/encls:

Central Files

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