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

NOV 4 1980

Docket No. 50-182

Purdue University
ATTN: Dr. Paul L. Ziemer
Radiological Control
Officer
Bionucleonics Department
West Lafayette, IN 47907

Gentlemen:

This refers to the routine emergency planning inspection conducted by Ms. R. J. Greer and Ms. N. A. Nicholson of this office on October 15 and 16, 1980, of activities at your research reactor facility authorized by NRC License No. R-87, and to the discussion with you and Dr. Franklin Clikeman at the close of the inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

No items of noncompliance with NRC requirements were identified during the course of this inspection.

Although no apparent items of noncompliance were observed, we are concerned because the training provided to campus emergency response personnel, primarily the fire department and hospital staffs, is inadequate for handling radiation accidents. This concern is not limited to the research reactor, but also extends to all other NRC licensed programs.

Please provide us within twenty days a plan describing a training program for the fire department and hospital staffs. This program should also include provisions for periodic retraining and drills.

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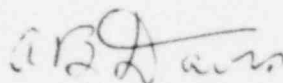
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Purdue University

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

Sincerely,



A. B. Davis, Chief
Fuel Facility and
Materials Safety Branch

Enclosure: IE Inspection
Report No. 50-182/80-02

cc w/encl:
Dr. Franklin Clikeman,
Nuclear Laboratory Director
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