

PRELIMINARY NOTIFICATION

Date: May 21, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-111-80-99

This preliminary notification constitutes EARLY notice of events 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 as of this date.

Facility: American X-Ray & Inspection, Inc. (Former Licensee)
24030 Haggerty Road
Farmington Hills, MI 48024

SUBJECT: MEETING WITH NON LICENSEE WORKERS EXPOSED TO RADIATION FROM RADIOGRAPHY ACTIVITIES

Region III (Chicago) has arranged for a meeting with employees of firms sharing an industrial complex with American X-Ray & Inspection, Inc. (AXI). AXI's license was suspended February 28, 1980 and revoked May 19, 1980.

This former licensee had performed industrial radiography in a garage at the above address in such a manner that employees of businesses adjacent to AXI were exposed to radiation. During the investigation of this matter, Region III, State of Michigan Department of Public Health, and licensee personnel performed re-enactments of typical radiography operations performed in the garage. From radiation surveys during these re-enactments, radioactive source strengths, frequency and duration of radiographic operations, and time and attendance records of employees in the adjacent buildings, radiation doses to the employees were determined. The maximum dose was 3.1 rems over a 23 month period. Ten employees received doses in excess of the 10 CFR 20 limits of 0.5 rem.

Eugene L. Saenger, M.D. as consultant to the NRC, will explain the health effects of the exposures to these employees at 4:30 p.m. EST on Thursday, May 22, 1980, at McDonald Enterprises, Inc., 24004 Haggerty Road, Farmington Hills, MI. State of Michigan personnel will attend the meeting.

A news briefing on the investigation findings will be conducted at 9:00 a.m. EST on Friday, May 23, 1980, at the Holiday Inn, 38123 W. Ten Mile Road, Farmington Hills, MI.

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This Preliminary Notification is issued for information and no further action other than indicated above is planned.

Contact: W. J. Sreniawski, FTS 384-2513; A. B. Davis, FTS 384 2510.

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