

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region III staff on this date.

Facility: West Shore Hospital	Licensee Emergency
Manistee, Michigan	Classification:
	Unusual Event
License No. 21-16277-01	<input type="checkbox"/> Alert
	<input type="checkbox"/> Site Area Emergency
	<input type="checkbox"/> General Emergency
	<input checked="" type="checkbox"/> Not Applicable

Subject: DIAGNOSTIC MISADMINISTRATION

On September 22, 1990, an 84-year-old patient was erroneously administered a 135-millicurie dose of a technetium-99m labeled radiopharmaceutical for a gall bladder imaging procedure. The prescribed dose was for 7 millicuries of the technetium-99m labeled radiopharmaceutical.

The radiopharmaceutical was prepared and administered by a part-time x-ray technician who was covering weekend on-call responsibilities at the hospital. The misadministration was discovered when the technician began imaging the patient immediately following the administration. The patient's physician was notified of the misadministration.

The licensee is investigating the cause of the error and has removed the technician from all nuclear medicine activities. The licensee has estimated the patient received a 2.4 rad whole body dose and 58 rads to the large intestine (the critical organ for this procedure).

Region III (Chicago) will conduct a special inspection to review the circumstances of the misadministration. An NRC medical consultant has been retained to evaluate the medical aspects of the incident.

The State of Michigan has been notified. Region III has reviewed the information in this Preliminary Notification with the licensee.

Region III received initial information on this event from the licensee's consultant on September 24, 1990. Additional information was obtained from the licensee on September 25, 1990. This information is current as of 10:00 a.m. September 25, 1990.

CONTACT: R. J. Carriano <i>R. J. Carriano</i>	J. A. Grobe <i>J. A. Grobe</i>
FTS 388-5721	FTS 388-5612

DISTRIBUTION:

HEADQUARTERS OFFICES		REGIONS	MAIL TO:
Chairman Carr	NMSS	Region I	DCS (Orig)
Comm. Rogers	GPA:SP	Region II	DOT (Trans.
Comm. Curtiss	GPA:PA	Region IV	Only)
Comm. Remick	GPA:CA	Region V	
EDO	*OIG		
Gen. Counsel	*ASLAP		
NRR	Research	INPO	FAX TO: NSAC LIC
AEOD	IRM	NRC OPS CTI	
Enforcer .nt	ACRS	PDR (8/634-3343)	

*Denotes a Displaywriter/PC not an IBM 5520 Terminal.

Rev. 07/17/90

E

0010030230 900927
REG3 LIC30
21-16277-01 PDC