

August 14, 1987

34-2084  
35-23359-01MD

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-87-37

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 IV staff on this date.

FACILITY: Syncor Corporation  
Oklahoma City, Oklahoma

Licensee Emergency Classification:  
☐ Notification of Unusual Event  
☐ Alert  
☐ Site Area Emergency  
☐ General Emergency  
☒ Not Applicable

SUBJECT: REPORT OF MOLYBDENUM-99 BREAKTHROUGH ON TECHNETIUM-99m GENERATOR

The licensee reported that on the morning of August 14, 1987, they measured a breakthrough of Mo-99 during the first elution of a technetium-99m generator. The measured Mo-99 activity was a 24 mCi fraction of the estimated 3000-3200 mCi elution. None of the contaminated radiopharmaceutical was dispensed. The 2.7 Ci generator was manufactured by New England Nuclear, lot 8732-2F-37, expiration 8/26/87. The generator is being returned at the manufacturer's request for further analysis.

Neither the licensee nor the NRC plans to issue a press release.

The state of Oklahoma will be informed.

Region IV received notification of this occurrence by telephone from the licensee at 11:00 a.m., 8/14/87. Region IV has informed NMSS.

This information has been confirmed with a licensee representative.

CONTACT: D. Blair Spitzberg, FTS 728-8191

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LICENSEE: \_\_\_\_\_  
(Reactor Licensee)

RIV: DORSS  
RLB: angart  
8/14/87

RA *[initials]*  
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transmitted via 5520 8/14/87 @  
4:00 p.m.

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