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Date: June 15, 1994

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-94-46

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.

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| <u>Facility</u> | <u>Licensee Emergency Classification</u> |
| Blodgett Memorial | General Emergency |
| Medical Center | Site Area Emergency |
| East Grand Rapids, MI | Alert |
| | Unusual Event |
| License No. 21-01424-03 | X Not Applicable |

Subject: THERAPEUTIC MISADMINISTRATION

On June 14, 1994, a misadministration occurred during the second of a series of three treatments to a eye surface lesion using a strontium-90 eye applicator. The applicator contains a sealed source of 50 millicuries of strontium-90. The patient was to receive 2550 rads (25.5 gray) in a series of three equal treatments. The first treatment was performed as intended. During the second treatment, the treatment time of 19.1 seconds in the written directive was misread, and the patient received treatment for 1 minute and 9 seconds.

The second treatment dose was 3068 rads (30.68 gray) instead of the intended 850 rad (8.5 gray) dose. The third treatment was not administered. Therefore, the patient's eye received a total dose of 3918 rads (39.18 gray), which was 53.6 percent above the total intended dose.

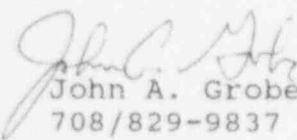
The patient and referring physician have been informed. The licensee states that it does not expect any adverse medical consequences of the misadministration.

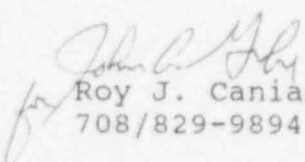
Region III (Chicago) has retained a medical consultant to evaluate the case. A special inspection will be conducted to review the circumstances surrounding the misadministration.

The State of Michigan and NMSS have been informed. The information in this preliminary notification has been reviewed with licensee management.

Region III was notified of this misadministration by the licensee at 9 a.m. on January 15, 1994. This information is current as of 11 a.m. on January 15, 1994.

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