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## RULES FOR SAFELY HANDLING A SR - 90 EYE APPLICATOR.

(Ref: Enclosure 2 - Information to be submitted when requesting possession and use of Sr-90 as Ophthalmic Applicator)

1. Wear your personnel dosimeter (s) if available, whenever you handle the Sr-90 Eye Applicator.
2. Remove the Sr-90 Eye Applicator from its secured storage location just before use. Do not leave it out any longer than necessary.
3. After removing the Applicator from its storage location,
  - a. Do not touch the treatment end of the applicator with your hands or other portion of your body.
  - b. Always hold the applicator by its handle.
  - c. Except during patient treatment, do not point the treatment end of the applicator toward another person, especially toward the eyes.
4. When the applicator is to be sterilized, place on a flat surface, use a cotton swab, sponge or gauze dampened with a sterilizing agent, then wipe the treatment end of the applicator across the swab, sponge or gauze. Do not sterilize by holding the swab or gauze in your hand.

5. During treatment, hold the patient's eye lids open with tape or other device, not with your fingers.
6. Immediately after treatment and/or resterilization, return the Sr-90 Eye Applicator to its storage container and to its secured location, i.e. keyed cabinet.
7. Do not remove any metal or plastic inserts from the manufacturer-supplied storage container. These items are generally a part of the container's shielding. Removal of these items can lead to excessive and unnecessary radiation exposures.
8. In event of apparent or probable damage to the source it shall immediately be placed into the storage container. The storage container shall be wrapped or placed into a plastic bag and secured. The cognizant radiation protection officer, regulatory agency, or the radiation physics consultant shall be contacted immediately for consultation and action.
9. In order to ensure that radiation exposures will be as low as reasonably achievable (ALARA), in the use and handling of the Sr-90 sealed source, the authorized user, Dr. ENERY NAVARRETE, M.D., enforces the following actions:
  - a. As soon as new staff members (e.g., physicians or other individuals who assist with patient treatments) report for duty and at least annually thereafter, it will be organized a refresher training in the rules for safe handling of the Sr-90 eye applicator and in the items specified in 10 CFR 19.12
  - b. At least once each year, both the authorized user and the radiation physics consultant will review the results of personnel monitoring if available, consider ways of reducing radiation exposures and implement needed changes in procedures, equipment, etc.

### III. WIPE TESTS.

Perform routine wipe test at 6 - month intervals and maintain records. The source shall be withdrawn from service if leak test results indicate any increase in detectable activity from

that of previous leak test. Removable contamination activity should be much less than 0.005 uCi.

Leak test shall be performed by persons specifically authorized by the Commission or an Agreement State to perform such services.

#### IV. WASTE DISPOSAL.

It is not foreseen any waste disposal in the proposed use and handling of the Sr-90 sealed source Eye Applicator. In the event of a serious damage to the applicator, the final disposal will be performed by the manufacturer, i.e. Nuclear Associates Inc. or any other licensee specifically approved to handle and/or dispose this source.

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