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August 16, 2017

Mark R. Shaffer
Director
US NRC Region IV
1600 East Lamar Blvd.
Arlington, Texas 76011

RE: Response to Notice of Violation and NRC Inspection Report 030-36922/2017-001

Dear. Mr. Shaffer

Since the incident happened, a procedure has been implemented where the staff check written directives for compliance with signature and completeness at the end of the brachytherapy procedures.

Prevention for further incidents have been undertaken by Cancer Center staff as well as Urology Center staff by checking the prescribed dosage with the dosage calculated by the physicists prior to the start of the procedure. Physicians, nursing staff and physicists are actively involved in the "TIME-OUT" process, including prescription, activity per seed, prostate volume, prostate circumference and prostate longitudinal dimensions. Implantation of the radioactive seeds does not begin until all staff members are satisfied that all the above parameters are correct and dosage is calculated correctly.

No further incidents have been noted since this incident. No further corrective steps are in the process of being implemented.

New employees are trained at the time of their participation in the delivery of the radioactive seeds during a brachytherapy procedure. Training is documented in the employee's file.

Sincerely,

Greg Haar
Administrator
Siouxland Urology Center