WESTERN CONNECTICUT HEALTH NETWORK

NEW MILFORD HOSPITAL

AFFILIATED WITH DANBURY HOSPITAL

21 Elm Street
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860.210-5000

United States Nuclear Regulatory Commission
Region I
2100 Renaissance Boulevard Suite 100.
King of Prussia, Pa. 19406

October 30,2014

To Whom It May Concern:

Regarding our materials license #06-17892-01, we are enclosing the additional information you have requested relative to our license renewal.

If you have any questions, you may contact Joseph Bargellini, M.D. Radiation Safety Officer at 860-210-5020, or Lee Anne Zarger, M.S., Chief Physicist at 860 210-5022.

Sincerely,

Thomas Koobatian, M.D. Executive Director

1. The shielding calculations have been confirmed with the installation of each linear accelerator by radiation shielding surveys, checking all areas surrounding the linear accelerator/ HDR vault by a qualified physicist. The shielding thickness of the vault was built to the specifications that were planned.
2. There are conduit voids in the shielding . The conduits are angled to create minimal voids in the shielding(not going "straight" through the wall). These voids were checked during the radiation shielding surveys.
3. Signage and interlocks:
   a. Signs
      1) High Radiation Area
      2) Radioactive Materials
      3) "HDR on Light" above the vault entry.
   b. Interlocks
      1) Door Interlock
      2) A/B switch
   c. Testing of interlocks
      1) Door- the HDR machine operation is attempted when the door is open. If the interlock is working properly, this is not allowed. The results are documented. The test is done daily on HDR treatment days for the HDR unit. If the machine is operated with the door closed, opening the door will retract the source.
      2) A/B switch- the HDR machine operation is attempted when the switch is in the "linac" position. If the interlock is working properly, this is not allowed. The results are documented. The test is done daily on HDR treatment days for the HDR unit.

4.Clock date and time – we check for accuracy of time and date. The date and time are compared to other departmental computers. When the clock becomes one hour off at the beginning and ending of daylight savings time the physicist will adjust it for correctness in the HDR computer.