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DATE: July 18, 2005
TO: State Licensed Private Inspectors
THRU: Roland G. Fletcher, Manager III, Radiological Health Program (RHP)
FROM: Renee Fizer, Chief, Radiation Machines Division (RMD)
SUBJECT: Information and Regulatory Interpretation Memos (IRI) 05-04 July 2005

National Council on Radiation Protection and Measurements (NCRP) 147, Structural Shielding Design for Medical X-Ray Imaging Facilities

On November 19, 2004, NCRP 147 superseded NCRP 49, "Structural Shielding Design and Evaluation for Medical Use of X-Rays and Gamma Rays of Energies Up to 10 MeV," for medical imaging facilities. Currently a second NCRP 49 report is under preparation by the Program Area Committee 2 of the NCRP that will update the parts addressing megavoltage radiotherapy facilities using X and gamma rays. Refer to www.ncrponline.org for additional information. Until September 1, 2005, the RMD will accept plan reviews utilizing either NCRP 49 or NCRP 147 methodologies. Effective September 1, 2005, the RMD will **only** accept plan reviews using NCRP 147 methodology.

Fluoroscopic Regulations

Supplement 12 became effective on June 20, 2005. This supplement incorporates a rewrite of Section F.5, "Fluoroscopic X-ray Systems Except for Computed Tomography X-ray Systems" and includes the in-house privileging regulations for fluoro users. The unofficial copy of the regulations is available on the Maryland Department of the Environment's (MDE) website. Refer to www.mde.state.md.us/Programs/AirPrograms/Radiological_Health/Regulations/index.asp. The Division of State Documents (DSD) will make available an official version of the Supplement 12 around September 2005. A link on MDE's website will be to order the official version from DSD.



Enclosed is a draft rewrite of MDE RX8. Please take a moment to review the form and forward suggestions/comments in regards by August 15, 2005 to Ms. Renee Fizer or Ms. Eva Nair. By September 2005, all inspectors should be inspecting against the new regulations.

2005 Mid-Atlantic States Regional Meeting

The 2005 meeting of the Mid-Atlantic States Radiation Control Programs will be held on September 21 and 22, 2005 at the Oberod Conference Center in Centreville DE (north of Wilmington). The meeting is co-sponsored by the Mid-Atlantic Chapter of the AAPM. We plan to offer 6.5 MQSA CEU's on September 21; agenda topics include the MQSA inspector annual audit, the medical physics audit, an update on ACR FFDM accreditation, and breast cancer treatment options, among other topics. Not yet finalized but concurrently on the same day, we hope to offer two half-day NRC condensed training courses. The States meeting will be held on September 22 and will cover homeland security, FDA meter evaluations, misadministrations in NY, MD, and PA, orphan sources, and x-ray machines issues, among others. Registration forms will soon be posted on the RHP and MAC-AAPM website, or contact Renee Fizer for further details.

Attachment (1): MDE RX-8

