



STATE OF NEW YORK
DEPARTMENT OF HEALTH

Flanigan Square 547 River Street Troy, New York 12180-2216

Richard F. Daines, M.D.
Commissioner

James W. Clyne, Jr.
Executive Deputy Commissioner

December 23, 2009

Terrence Reis, Deputy Director
Division Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Dear Mr. Reis:

Enclosed please find copies of the section in the current 10 NYCRR 16 which permits the use of "New Dosimetry Technology" for personnel monitoring of individuals that require monitoring, including those performing industrial radiography and operating panoramic irradiators. 10 NYCRR 16.11, Personnel Monitoring, allows licensees to use any personnel monitoring device/dosimeter that is processed and evaluated by a dosimetry processor that holds a current personnel dosimetry accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology.

RATS ID Title

2000-2 New Dosimetry Technology

We believe that the requirements in 10 NYCRR 16.11 satisfy the compatibility and health and safety categories established in the Office of Federal and State Materials and Environmental Programs (FSME) Procedure SA-200.

If you have any questions, please feel free to contact me at 518-402-7550 or Robert Dansereau at 518-402-7550 or red07@health.state.ny.us.

Sincerely,

Stephen M. Gavitt, CHP, Director
Bureau of Environmental Radiation Protection
New York State Department of Health

Enclosures: As stated

16.11 Personnel monitoring.

(b) A person supplying personnel monitoring devices to individuals as required by subdivision (a) of this section shall ensure that the individuals wear such devices as follows:

- (1) An individual monitoring device used for monitoring the dose to the whole body shall be worn at the unshielded location of the whole body likely to receive the highest exposure.
- (2) An individual monitoring device used for monitoring the dose to an embryo/fetus of a declared pregnant woman, pursuant to paragraph (1) of section 16.6(h), shall be located at the waist under any protective apron worn by the woman.
- (3) An individual monitoring device used for monitoring the eye dose equivalent shall be located at the neck outside any protective apron worn by the individual, or at an unshielded location closer to the eye.
- (4) An individual monitoring device used for monitoring the dose to the extremities shall be worn on the extremity likely to receive the highest exposure. The device shall be oriented to measure the highest dose to the extremity being monitored.

(c) All personnel monitoring devices, except for direct and indirect reading dosimeter and those dosimeters used to measure the dose to any extremity, that require processing to determine the radiation dose and which are supplied pursuant to subdivision (a) of this section, or with conditions specified in a license or registration shall be processed and evaluated by a dosimetry processor:

- (1) Holding current personnel dosimetry accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology; and
- (2) Approved in this accreditation process for the type of radiation or radiations included in the NVLAP program that most closely approximate the type of radiation or radiations for which the individual wearing the dosimeter is monitored.