

# Proposed Rules

Federal Register

Vol. 68, No. 86

Monday, May 5, 2003

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

## NUCLEAR REGULATORY COMMISSION

### 10 CFR Part 20

[Docket No. PRM-20-25]

#### Sander C. Perle, ICN Worldwide Dosimetry Service, Receipt of Petition for Rulemaking

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Petition for rulemaking; notice of receipt.

**SUMMARY:** The Nuclear Regulatory Commission (NRC) is publishing for public comment a notice of receipt of a petition for rulemaking, dated March 19, 2003, which was filed with the Commission by Sander C. Perle, Technical Director of ICN Worldwide Dosimetry Service. The petition was docketed by the NRC on March 26, 2003, and has been assigned Docket No. PRM-20-25. The petitioner requests that the NRC amend its regulations to require that any dosimeter, without exception, that is used to report dose of record and demonstrate compliance with the dose limits specified in the Commission's regulations be processed and evaluated by a dosimetry processor holding accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology. The petitioner also requests that the definition of Individual monitoring devices (individual monitoring equipment) be revised to include "electronic dosimeters, optically stimulated dosimeters" as examples of certain devices.

**DATES:** Submit comments by July 21, 2003. Comments received after this date will be considered if it is practical to do so, but the Commission is able to assure consideration only for comments received on or before this date.

**ADDRESSES:** You may submit comments by any one of the following methods. Please include "PRM-20-25" in the subject line of your comments.

Comments submitted in writing or in electronic form will be made available to the public in their entirety on the NRC rulemaking Web site. Personal information will not be removed from your comments.

Mail comments to: Secretary, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, ATTN: Rulemakings and Adjudications Staff.

E-mail comments to: [SECY@nrc.gov](mailto:SECY@nrc.gov). If you do not receive a reply e-mail confirming that we have received your comments, contact us directly at (301) 415-1966. You may also submit comments via the NRC's rulemaking Web site at <http://ruleforum.llnl.gov>. Address questions about our rulemaking Web site to Carol Gallagher (301) 415-5905; e-mail [cag@nrc.gov](mailto:cag@nrc.gov).

Hand deliver comments to: 11555 Rockville Pike, Rockville, Maryland 20852, between 7:30 a.m. and 4:15 p.m. Federal workdays. (Telephone (301) 415-1966).

Fax comments to: Secretary, U.S. Nuclear Regulatory Commission at (301) 415-1101.

Publicly available documents related to this petition may be examined and copied for a fee at the NRC's Public Document Room (PDR), Public File Area O1 F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. Selected documents, including comments, can be viewed and downloaded electronically via the NRC rulemaking Web site at <http://ruleforum.llnl.gov>.

Publicly available documents created or received at the NRC after November 1, 1999, are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/NRC/ADAMS/index.html>. From this site, the public can gain entry into the NRC's Agencywide Document Access and Management System (ADAMS), which provides text and image files of NRC's public documents. If you do not have access to ADAMS or if there are problems in accessing the documents located in ADAMS, contact the NRC's PDR Reference staff at 1-800-397-4209, 301-415-4737 or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

#### FOR FURTHER INFORMATION CONTACT:

Michael T. Lesar, Chief, Rules and Directives Branch, Division of Administrative Services, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555-

0001, Telephone: 301-415-7163 or Toll Free: 800-368-5642.

#### SUPPLEMENTARY INFORMATION:

##### The Petitioner

The petitioner is the Technical Director of ICN Worldwide Dosimetry Service. According to the petitioner, ICN Worldwide Dosimetry Service processes approximately 5 million dosimeters annually (film, TLD and CR39).

##### The Petitioner's Request

The petitioner requests that the NRC amend its regulations in 10 CFR Part 20 to require that all dosimeters used to determine the radiation dose of record and demonstrate compliance with the dose limits specified in the Commission's regulations be processed and evaluated by a dosimetry processor holding receive personnel dosimetry accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute of Standards and Technology. The petitioner also requests that the definition of Individual monitoring devices (individual monitoring equipment) be revised to include "electronic dosimeters" and "optically stimulated dosimeters" as examples of certain devices for the assessment of dose equivalent or to comply with § 20.1202.

##### Justification for the Petition

The petitioner states that the current wording of § 20.1501(c) precludes the testing and accreditation requirements for an electronic dosimeter (currently excludes "processed" dosimeters). The petitioner states that today's electronic dosimeters use multiple microprocessors that include many complex user input parameters that ultimately affect the final dose and/or dose rate reported. The dose determined from an electronic dosimeter is a "processed" dose. The electronic dosimeter requires that the licensee program the dosimeter to respond to various spectra, based on the calibration and other licensee set parameters. According to the petitioner, the NRC's position is that because the current § 20.1501(c) doesn't appear to include the definition of an electronic dosimeter, nothing prohibits a licensee from using an electronic dosimeter as a dose of record. He states that the NRC's philosophy is that the NRC onsite