

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS  
WASHINGTON, D.C. 20555

November 27, 2002

**NRC REGULATORY ISSUE SUMMARY 2002-23**  
**AVAILABILITY OF GUIDE FOR**  
**DIAGNOSTIC NUCLEAR MEDICINE**

**ADDRESSEES**

All medical licensees.

**INTENT**

The U.S. Nuclear Regulatory Commission (NRC) is issuing this regulatory issue summary (RIS) to inform addressees of the availability, from the NRC, of a Guide for Diagnostic Nuclear Medicine, prepared by the American College of Nuclear Physicians and the Society of Nuclear Medicine (ACNP / SNM) and published under the auspices of the SNM. No written response or action is required.

**BACKGROUND**

The NRC published its revised regulations for the "Medical Use of Byproduct Material," 10 CFR Part 35, on April 24, 2002, with an effective date of October 24, 2002 (67 FR 20249). In parallel with the development of the rule, NRC staff developed NUREG-1556, Volume 9, "Consolidated Guidance About Materials Licenses, Program-Specific Guidance About Medical Use Licenses." Stakeholders have also identified the need for guidance applicable only to diagnostic uses of byproduct material under 10 CFR 35.100 and 35.200.

**SUMMARY OF ISSUE**

The NRC recognizes the need of the medical community for information specific to diagnostic applications of byproduct material under revised Part 35 and appreciates the efforts undertaken by the ACNP / SNM to meet that need. NUREG-1556, Volume 9 provides guidance for licensing of all medical uses of byproduct material. Furthermore, applicants and licensees are advised that they may look to NUREG-1556, Volume 9 for guidance that represents a way of implementing 10 CFR Part 35 which is acceptable to NRC staff. The SNM's Guide for Diagnostic Nuclear Medicine provides information that may be useful to nuclear medicine professionals in understanding the applicability of NRC requirements to the medical use of byproduct material in diagnostic settings, and provides measures that practitioners may use

**ML023180136**

to facilitate implementation of the revised rule. The information provided in the document is not a substitute for NRC regulations; licensees are required to comply with all applicable Parts of Title 10 of the Code of Federal Regulations.

The ACNP / SNM Guide is available on the NRC's web site. Single copies, on paper or CD-rom (also including a copy of NUREG-1556, Volume 9), may be requested by writing to the U.S. Nuclear Regulatory Commission, ATTN: Mrs. Carrie Brown, Mail Stop T 9-C24, Washington, DC 20555-0001; e-mail: [CXB@nrc.gov](mailto:CXB@nrc.gov); telephone: 301-415-8092.

No specific action or written response is required for this RIS. If you have any questions about this summary, please contact Roger W. Broseus or the appropriate regional office.

**/RA/**

Susan Frant, Deputy Director  
Division of Industrial and  
Medical Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards

Technical Contact: Roger W. Broseus, NMSS  
(301) 415-7608  
E-mail: [RWB@nrc.gov](mailto:RWB@nrc.gov)

Attachment: List of Recently Issued NRC Regulatory Issue Summaries

to facilitate implementation of the revised rule. The information provided in the document is not a substitute for NRC regulations; licensees are required to comply with all applicable Parts of Title 10 of the Code of Federal Regulations.

The ACNP / SNM Guide is available on the NRC's web site. Single copies, on paper or CD-rom (also including a copy of NUREG-1556, Volume 9), may be requested by writing to the U.S. Nuclear Regulatory Commission, ATTN: Mrs. Carrie Brown, Mail Stop T 9-C24, Washington, DC 20555-0001; e-mail: CXB@nrc.gov; telephone: 301-415-8092.

No specific action or written response is required for this RIS. If you have any questions about this summary, please contact Roger W. Broseus or the appropriate regional office.

**/RA/**

Susan Frant, Deputy Director  
Division of Industrial and  
Medical Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards

Technical Contact: Roger W. Broseus, NMSS  
(301) 415-7608  
E-mail: RWB@nrc.gov

Attachment: List of Recently Issued NRC Regulatory Issue Summaries

ADAMS ACCESSION NUMBER: ML023180136

ADAMS DOCUMENT TITLE:

\*See previous concurrence

|         |            |              |             |             |
|---------|------------|--------------|-------------|-------------|
| OFFICE: | RGB:IMNS   | RGB:IMNS     | NMSS Editor | RGB:IMNS    |
| NAME:   | RBroseus   | SWastler*    | EKraus*     | PHolahan    |
| DATE:   | 11/04/2002 | 11/4/2002    | 10/31/2002  | 11/ 4 /2002 |
| OFFICE: | OGC nlo    | IMNS         |             |             |
| NAME:   | STreby*    | SFrant       |             |             |
| DATE:   | 11/5/2002  | 11/ 14 /2002 |             |             |

OFFICIAL RECORD COPY

LIST OF RECENTLY ISSUED  
NRC REGULATORY ISSUE SUMMARIES

| Regulatory Issue Summary No. | Subject   | Date of Issuance | Issued to   |
|------------------------------|---|------------------|---|
| 2002-22                      | Use of EPRI/NEI Joint Task Force Report, "Guideline on Licensing Digital Upgrades: EPRI TR-102348, Revision 1, NEI 01-01: a Revision of EPRI TR-102348 to Reflect Changes to the 10 Cfr 50.59 Rule" | Pending          | All holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.  |
| 2002-21                      | National Guard and Other Emergency Responders Located in the Licensee's Controlled Area   | 11/08/2002       | All holders of operating licenses for nuclear power reactors, including those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.   |
| 2002-20                      | Clarification of Requirements Under 10 CFR 35.432, "Calibration Measurements of Brachytherapy Sources"  | 11/07/2002       | All medical licensees.  |
| 2002-19                      | New Modalities to be Regulated Under 10 CFR 35.1000   | 10/21/2002       | All medical licensees authorized to use byproduct material for therapeutic administration.  |
| 2002-18                      | Issuance of Orders Imposing Additional Physical Protection Measures for the Transportation of Spent Nuclear Fuel Greater than 100 Grams   | 10/03/2002       | All U.S. Nuclear Regulatory Commission specific power reactor licensees, research and test reactor licensees, independent spent fuel storage installation licensees, and special nuclear material licensees, who possess spent nuclear fuel; and general licensees under 10 CFR 70.20a who transport spent nuclear fuel greater than 100 grams. |

**Note:** NRC generic communications may be received in electronic format shortly after they are issued by subscribing to the NRC listserver as follows:

To subscribe send an e-mail to <[listproc@nrc.gov](mailto:listproc@nrc.gov)>, no subject, and the following command in the message portion:

subscribe gc-nrr firstname lastname