



MEMO TO : North Dakota Radioactive Material  
Medical Licensees

FROM : Terry L. O'Clair, P.E.  
Director  
Division of Air Quality *TLO*

RE : NRC Information Notice 2003-22: Heightened  
Awareness for Patients Containing Detectable  
Amounts of Radiation from Medical Administrations

DATE : August 24, 2009

The North Dakota Department of Health is forwarding this U.S. Nuclear Regulatory Commission Regulatory Issue Summary (RIS) for your information. It is to inform all medical licensees the importance of instructing and providing information to all patients released containing unsealed byproduct material or Implants containing byproduct material.

In accordance with 10 CFR 35.75, it states a licensee may authorize the release from its control of any individual who has been administered unsealed byproduct material or implants containing byproduct material if the total effective dose equivalent (TEDE) to any other individual from exposure of the released individual is not likely to exceed 5 mSv (0.5 rem).

Patients released at these levels should be aware they may encounter additional situations because of the heightened security measure. The licensees should provide all patients that emit detectable amount of radiation with an appropriate explanation about the potential of alarming radiation monitoring equipment.

To assist patients and avoid unnecessary concern by law enforcement authorities, consider providing the patient with a written statement from your facility, stating the radiation detected poses no danger to the public and is allowed by the NRC for medical purposes.

Please review this RIS for applicability to your facility and implement any provisions that may be applicable. This requires no response on your part.

If you have any questions, please contact the North Dakota of Health Radiation Control Program at 701-328-5188.

TLO/LRR:saj