



**NORTH DAKOTA**  
DEPARTMENT of HEALTH

ENVIRONMENTAL HEALTH SECTION  
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MEMO TO : North Dakota Radioactive Material Medical Licensees

FROM : Daniel E. Harman *DEH*  
Manager  
Radiation Control Program

RE : NRC Information Notice 2009-17: Reportable Medical Events  
Involving Treatment Delivery Errors caused by confusion of units for the  
Specification of Brachytherapy Sources.

DATE : September 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 alert all medical licensees regarding the delivery errors caused by confusion of units for the specification of low-energy photon emitting brachytherapy sources implanted into patients. The errors involved the units of air-kerma strength and apparent activity in units of millicuries. These events were caused by human error and not the design or functioning of the equipment.

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.

DEH/LR:csc