





Saint Louis University  
Report No.: 2010-001

Docket No.: 030-11789  
License No.: 24-00196-07  
Date of Inspection: February 1 – 3, 2010

### **NRC Form 591M Part 3 – Program Scope (continued)**

#### **Performance Observations**

During the inspection, the inspector observed one diagnostic administration of licensed material, including dose preparation and disposal; well counter and survey meter QC; dose calibrator constancy checks; and package receipt wipe and meter surveys. Medical staff demonstrated and described a variety of therapeutic and diagnostic medical procedures, blood irradiator operation, and daily and weekly contamination surveys. The inspector reviewed written directives for therapeutic procedures with iodine-131, samarium-153, and yttrium-90, and found no concerns with the directives.

In the research areas, the inspector observed safety measures for the use of licensed material, including PPE and area preparation. The licensee's research staff demonstrated laboratory activities including iodinations; day-of-use surveys; weekly contamination surveys; and material receipt, tracking and use. Interviews with licensee personnel indicated adequate knowledge of radiation safety procedures and concepts. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

*JES*