

## REVIEW OF RADIATION EXPOSURE LEVELS

1. **SCOPE/EFFECT:** This Medical Center Policy (MCP) affects all employees who wear monthly radiation film badges. The following services are affected: Imaging Service, Primary Care, Medical Service and Surgical Service.
2. **PURPOSE:** To establish policy for monthly film badge review and reporting of high exposure readings.
3. **POLICY:** It is the policy of the Imaging Department to have film badge records reviewed by our consultant radiation physicists during routine monthly visits to our facility.
4. **PROCEDURE:**
  - a. Our facility will follow the guideline established by the National Council on Radiation Protection (NRC) for acceptable exposure levels.
  - b. If our consultant radiation physicist determines that a radiation-badged employee has an unacceptably high exposure reading during his monthly review, he will immediately notify the facility's Radiation Safety Officer (RSO) and the Imaging Supervisor.
  - c. A meeting will be arranged to interview the employee to determine the accuracy of the reading.
  - d. Trigger levels are set with the radiation exposure badge company to send immediate notification if an employee exposure level exceeds 1250 mRems in any one-month exposure period.
5. **RESPONSIBILITY:** The consultant physicist is responsible for the monthly review of exposure levels, notifying if necessary the Imaging supervisor and RSO of unacceptable levels and performing an employee interview to review high exposure readings.
6. **CUSTOMER SATISFACTION:** Patient/family satisfaction issues were considered in the development of this policy.
7. **REFERENCES:** National Council on Radiation Protection.
8. **RESCISSION:** Medical Center Policy 115-06-307, dated July 28, 2006.
9. **DISTRIBUTION:** Electronic Access to All Employees.