Appendix 2

Audit 18

1) Audit Title
   Eye lens dose limits for occupational exposure

2) Standard against which the audit topic is to be compared
   The BSSD modifies the occupational dose limit for the eye lens to 20 mSv/year from the previous value of 150 mSv/year. Special circumstances exist, allowing 100 mSv over 5 years, subject to a maximum dose of 50 mSv in a single year. Please note new lens dose limits for apprentices and students also (Article 11)

3) Source of standard
   Council Directive 2013/59/Euratom Article 9

4) Type of audit
   Regulatory

5) Target / compliance percentage to be achieved
   100%

6) Item or variable to be audited
   Local protocols/procedures, implemented and updated
   Measurement of occupational dose exposure

7) Method
   Retrospective or prospective

8) Data or information to be collected
   Personal eye dosimetry measurements

9) Sample details
   Eye dosimetry measurements for individuals/radiologists with potential high dose ionising lens exposure e.g. interventional radiology

10) Target achieved
    (yes / no)

11) Actions to be taken if the target is not met
    If target not met the cause must be identified. Review protocols and procedures, involve medical physicist.
    Education/discussion and review local radiation protective practice with relevant radiologist/individual

12) Timing for re-audit
    A continuous programme of rolling audit, with early and prompt intervention and re-audit if target is not met

Please see also audit template 22.